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public relations

"good public relations
starts in the doctor's office"

pub·lic·i·ty (,)pə-'blis-ət-ē, -'blis-tē), *n.* [Fr. *publicité*],
1. the state of being public, or commonly known. 2.
any information, usually printed, which brings a per-
son, place, thing, or cause to the notice or attention
of the public. 3. notice by or attention of the public.
4. any procedure or act that seeks to gain this.

pub·li·cize ('pəb-lə-,sīz), *v.t.* [PUBLICIZED (-sīzd'), PUBLI-
CIZING], to give publicity to.

pub·lic·ly ('pəb-li-klē), *adv.* 1. in a public or open
manner. 2. by, or by consent or agency of, the
public.

public opinion, the opinion of the people generally,
especially as a force in determining social conduct
and political action.

public relations, relations with the general public
through publicity; those functions of a corporation,
organization, branch of military service, etc. con-
cerned with informing the public of its activities,
policies, etc. and attempting to create favorable
public opinion.

AN EXCEPTIONALLY FAVORABLE



You can expect rapid relief of a broad range of symptoms

With Limbitrol, patients often improve within a week. Not only is insomnia relieved, but you will often see early relief of agitation, psychic and somatic anxiety, anorexia and feelings of guilt or worthlessness. This early response encourages patients to stay in therapy.

You can minimize phenothiazine drawbacks

When you choose Limbitrol over a phenothiazine-containing product, you minimize the risk of tardive dyskinesia — now associated even with low dose, short-term phenothiazine therapy.^{1,2} You also reduce the possibility of other extrapyramidal side effects, which occur in approximately 30% of patients receiving phenothiazines.³⁻⁵ In contrast, the reported incidence of these disturbing reactions with Limbitrol or either of its compo-

nents alone is rare. (For a complete list of side effects reported with Limbitrol, please consult full disclosure.)

References: 1. Poulson GW. *NY State J Med* 79: 193-195, Feb 1979. 2. Hollister LE. Antipsychotic medications and the treatment of schizophrenia, chap. 9, in *Psychopharmacology: From Theory to Practice*, edited by Bartels J. New York, Oxford University Press, 1978, p. 134. 3. Domino EF. Antipsychotic drugs: phenothiazines, thioxanthenes, butyrophenones and neurolept analgesics, chap. 25, in *Psychopharmacology in Medicine*, ed. 4, edited by DiPalma JR. New York, McGraw-Hill Book Company, 1971, p. 476. 4. Sovner R. Extrapyramidal syndromes and other side effects of psychotropic drugs, in *Psychopharmacology: A Generation of Progress*, Lipton MA, DiMascio A, Killam KF. New York, Raven Press, 1978, p. 1021. 5. Donofrio RL. *Dis Nerv Syst* 37: 629-633, 1976.

SAFETY/BENEFIT RATIO



What
better reason
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patients with
moderate depression and anxiety?

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Tablets 5-12.5 each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline
(as the hydrochloride salt)

Tablets 10-25 each containing 10 mg chlordiazepoxide and 25 mg amitriptyline
(as the hydrochloride salt)



Efficacy without a phenothiazine

Please see summary of product information on following page.

LIMBITROL® TABLETS Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.
Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated.

Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy.

Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs.

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. IV administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly.

Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) — bottles of 100 and 500, Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

How to initiate and maintain therapy

Select dosage strength appropriate for each patient

■ Limbitrol 5-12.5 is recommended to minimize drowsiness and for elderly patients.

□ Limbitrol 10-25 may be indicated for patients who tolerate medication without undue side effects.

Specify daily dosage based on symptom severity

■ An initial dosage of three tablets is recommended.

■ Dosage may be increased to six tablets or decreased to two tablets daily as necessary.

■ Once a satisfactory response is obtained, patients should be continued on the smallest dose required to maintain the desired effect.

Utilize dosage options to best accommodate individual patient needs

■ T.I.D. or Q.I.D., familiar regimens most suited for patients who tolerate medication without undue drowsiness.

■ Two tablets one hour before bedtime and one tablet midday may minimize daytime drowsiness and help relieve a common target symptom — insomnia.

■ Entire dosage h.s. to take maximum advantage of the sedative effect.

Your guide to patient management... when you decide medication is needed

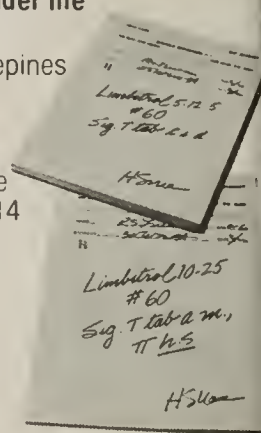
How to make each patient an informed patient

1. Discuss with patients the probability that they will experience drowsiness, especially during the first week.
2. Reassure your patients that drowsiness is one indication that the medication is working and that it may help alleviate their insomnia.
3. Encourage patients to report if drowsiness becomes troublesome so that, if necessary, dosage schedule can be adjusted.
4. Caution patients about the combined effects with alcohol or other CNS depressants. Let them know that the additive effects may produce a harmful level of sedation and CNS depression.
5. Caution patients about activities requiring complete mental alertness, such as operating machinery or driving a car.
6. Warn pregnant patients and patients of childbearing age that the safety of Limbitrol in pregnancy has not yet been established.

Please see complete product disclosure for other pertinent information.

Limbitrol should not be used under the following circumstances:

1. Hypersensitivity to benzodiazepines or tricyclic antidepressants.
2. Concomitantly with an MAO inhibitor. To replace an MAO inhibitor with Limbitrol, discontinue MAO inhibitor for a minimum of 14 days before cautiously initiating Limbitrol therapy.
3. During the acute recovery phase following myocardial infarction.



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Manati, Puerto Rico 00701

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Limbitrol®
Relief without a phenothiazine

Medigram

SUES MEDICAL BOARD,
RENEWAL DUE JANUARY 31

The State Society and President Elect Raymond C. Grandon, MD, filed suit December 3 against the State Board of Medical Education and Licensure. The suit asks the Commonwealth Court to determine whether or not the \$50 biennial license renewal fee is reasonable in view of the board's excessive reserves. A hearing is expected in January. Meanwhile, the state medical board has mailed renewals and extended the time for payment to January 31, 1981. In a letter explaining the events to all PMS members, President Leroy A. Gehris, MD, told members to pay the \$50 fee, but to indicate the payment is made under protest. The State Society's suit was authorized by the 1980 House of Delegates in November. At issue is the inability of the medical board and the Bureau of Professional and Occupational Affairs to enforce the Medical Practice Act, despite an earlier increase in physicians' renewal fees which was supported by PMS so that the medical board would have funds to police the medical profession as authorized under the Act. The medical board spends less than \$1 million a year, and with the current registration fees, will have a surplus of more than \$5 million. The PMS suit also charges the medical board with failure to adopt a work plan and budget which could serve as a basis for establishing a reasonable fee.

INSURANCE DEPARTMENT OKs
% CAT FUND SURCHARGE

The Insurance Department has approved a 22 percent surcharge on malpractice insurance premiums for the Catastrophe Loss Fund. Fund officials say 1980 payouts amount to \$9.2 million. The surcharge will provide \$16 million. By law the fund must maintain a \$15 million level. Physicians' insurance companies bill for the CAT Fund. The surcharge is effective January 1, 1981. The CAT Fund pays malpractice claims over \$100,000 per occurrence.

MEMBER SERVICES COUNCIL
ACTIVATES "MEMBERLOAN"

Commercial Credit Corporation's Memberloan Program has been reactivated. The Council on Member Services has announced that loans of from \$5,000 to \$25,000 without collateral are available to PMS members. For more information on this confidential loan by mail service, contact the PMS Council on Member Services.

PENNSYLVANIA DELEGATION
ACTIVE AT AMA MEETING

Three resolutions introduced by the Pennsylvania Delegation to the AMA met with success at the interim meeting of the AMA House of Delegates in December. The AMA House agreed to oppose making a permanent government body of the Graduate Medical Education National Advisory Committee. The House supported a resolution declaring that departments of psychiatry in general hospitals should be directed by physicians trained or experienced in psychiatry. The third Pennsylvania resolution, calling for a study of the impact of the national health planning law, was combined with three similar resolutions. The AMA House ultimately voted to seek repeal of the federal law. William Y. Rial, MD, of Swarthmore, presided as speaker of the House; R. Robert Tyson, MD, of Philadelphia, chaired a reference committee; and Henry H. Fetterman, MD, of Allentown, served on a reference committee.

PMS MEMBER BENEFITS,
CATEGORIES EXPLAINED

Benefits of PMS membership and membership classification
the State Society and the AMA are listed below. These c
tions prevail through 1981.

- Appointment to commissions, committees and councils; election
to office; the right to vote
Group insurance programs:
Professional liability insurance
Disability income
Exceptional risk disability income
Executive major medical coverage
Excess major medical coverage
Business overhead expense
Accidental death and dismemberment
Individual life insurance
Group life insurance for professional corporations
Hospital indemnity
Worker's compensation
Memberloan program
Credit Union
- Pennsylvania Medical Care Foundation
PSRO information
Legal opinions on medical-legal questions
Counsel on questions of medical ethics
Peer review on request in disputes involving third parties
Input on legislative matters through an effective lobby
Medical staff bylaws information
PENNSYLVANIA MEDICINE
Physician Placement Service
PaMPAC
Speech writing service
Public relations counsel
Free health education pamphlets
Medical Benevolence Fund
Medical Education Resource Center
Educational Fund

PMS and AMA membership classifications

- Active member**—Any member who holds an unrestricted license to practice medicine and surgery in Pennsylvania. Also includes all federally (civilian and military) employed physicians (licensed and unlicensed). Active members must meet the continuing education requirement.

Dues: *PMS—\$275.00
 *AMA—\$250.00 (AMA dues may be excused if over age 70).

Benefits: PMS—All
 AMA—All except publications for AMA dues exempt are available only by subscription.

Military—Any active member serving temporarily in the armed forces or other federal government service (before March 1).

Dues: PMS—Dues-exempt
 AMA—\$35.00

Benefits: PMS and AMA—All

Disability—Any active member who is prevented from the practice of medicine by reason of illness or disability.

Dues: PMS and AMA—Dues-exempt

Benefits: PMS—All
 AMA—Same as AMA dues exempt above

Intern and Resident—Any member serving an accredited hospital internship, residency, or other recognized full-time postgraduate training.

Dues: PMS—\$27.50 (10% of regular assessment)
 AMA—\$35.00

Benefits: PMS and AMA—All

Senior—Any active member at least 65 years of age on January 1 with at least 30 years continuous membership (membership in other states or AMA may be included).

Dues: PMS—\$137.50 (50% of regular assessment)
 AMA—\$250.00 (AMA dues may be excused if over age 70).

Benefits: PMS—All
 AMA—Same as active member except publications for AMA dues exempt are available only by subscription.
- Associate**—Any active or senior active member who is at least 70 years of age and who has at least 30 years continuous membership (membership in other states or AMA may be included).

Dues: PMS and AMA—Dues-exempt

Benefits: PMS—All.
 AMA—All, except dues exempt will not receive scientific publications except by direct subscription.

Affiliate member—Any member of a component society not engaged in active practice within the jurisdiction of the component society who belongs to one of the following classes:

 - Members of national medical societies of foreign countries;
 - American physicians whether or not licensed to practice medicine and surgery in Pennsylvania engaged in missionary or philanthropic labors;
 - Full-time teachers of medicine or of the arts and sciences allied to medicine who are not holders of an unrestricted license to practice medicine and surgery in the Commonwealth of Pennsylvania;
 - Physicians not fully licensed to practice medicine in Pennsylvania who are engaged in Pennsylvania in research or administrative medicine;
 - Physicians, whether or not fully licensed to practice medicine in Pennsylvania, who are retired from active practice;
 - Physicians in active practice who move out of the Commonwealth of Pennsylvania if they maintain active membership in a county society and the state society in their new state of residence. Members in this category are not eligible for any Society-endorsed insurance programs.

Dues: PMS and AMA—Dues-exempt

Benefits: PMS—cannot vote or hold any office, serve as a delegate, member of a commission, committee, or council, and is not entitled to benefits of Medical Benevolence Fund or Educational Fund.
 AMA—Same as Associate Member

** First calendar year of active practice PMS and AMA dues are 50 percent of active member dues.*

Pennsylvania Medicine

Pennsylvania Medicine

public relations

GOOD PUBLIC RELATIONS
STARTS IN THE DOCTOR'S OFFICE

pub-lic-i-ty (jə-'blis-at-ē, -'blis-tē), *n.* [Fr. *publicité*], 1. the state of being public, or commonly known. 2. any information, usually printed, which brings a person, place, thing, or cause to the notice or attention of the public. 3. notice by or attention of the public. 4. any procedure or act that seeks to gain this.
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More government probing

Appropriateness review was provided in the Health Planning and Resources Development Act of 1974. The act directed the Health Systems Agencies (HSAs) to begin the process by June 11, 1980. The appropriateness review process is to "provide institutions with the changes which should take place to make the services of the area appropriate."

Appropriateness review was refined by the Health Planning and Resources Development Amendments of 1979 which were signed into law on October 4, 1979. Along with other major changes produced by these amendments, minimum standards were created for appropriateness review based upon need, accessibility, availability, cost effectiveness, and quality among other things.

The legislative authority having been securely founded, the definitions of appropriateness review and the mechanics of the review have engendered considerable discussion. Colin Rorrie, PhD, director of the Bureau of Health Planning, HEW, stated, "I think we have to look at appropriateness review as a planning tool that looks at existing services and helps planners make some judgment about the needs for those services in the future."

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The purpose of appropriateness review is to inform public of appropriateness of services and advisable recommendations. Authors of the amendments felt that existing institutional services should be reviewed periodically to determine whether the reviewed services are continuing to meet community needs.

The legislation does not include sanctions based on review findings. It is possible, however, that sanctions might be imposed by third party payors in the form of nonreimbursement for what has been deemed an inappropriate service. HSAs are to conduct reviews at least every five years and to make either general (areawide) recommendations or specific (institution-specific) recommendations.

The overriding fear among health care institutions is that appropriateness review will be linked to certification of need (CON). Appropriateness review is intended to be a planning tool and CON, a regulatory tool, yet the potential for cross-over is apparent. Both review currently render services. CON reviews to determine the need for new services or equipment. Appropriateness review assesses existing services to assist planning for the future. CON is initiated by the health care institution; appropriateness review is not.

A second major concern is the final form of the review process. Appropriateness review may be conducted either at an areawide or institution-specific level. The American Hospital Association maintains that the review should be areawide. Dr. Rorrie commented, "The final regulations do not mandate institution-specific review. We would like the option to the HSAs, and I haven't heard of very many agencies that want to do institution-specific review." Participation and cooperation by health care facilities with HSAs to avoid institution-specific review is advisable.

The legislation permits hospitals a number of rights. Although at first glance, these "rights" appear to be in order, they really afford a hospital no protection. Hospitals may testify on their own behalf at public hearings and they have the right to know the standards used in review. Since the legislated purpose and intent of appropriateness review is for public information, any defense made after publication of findings will be too little, too late. The right to appeal the findings, likewise, will have a minimal effect. By that time, the public will have formed an opinion based on the initial release of data. Only the right to refuse to provide confidential data is reassuring, and even this could be turned against a hospital.

In spite of the good intended by proponents of appropriateness review, the review most likely will meet with strong resistance and repudiation. Hospitals that are already over-regulated will not view kindly further government probing, especially if the potential exists for cutting funds based upon appropriateness review recommendations. No one knows what direction this legislation will ultimately take. A cautious approach will be expedient.

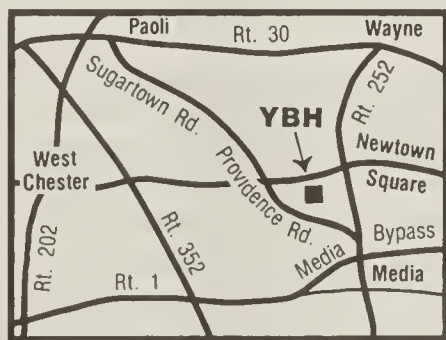
David A. Smith,
Medical Editor

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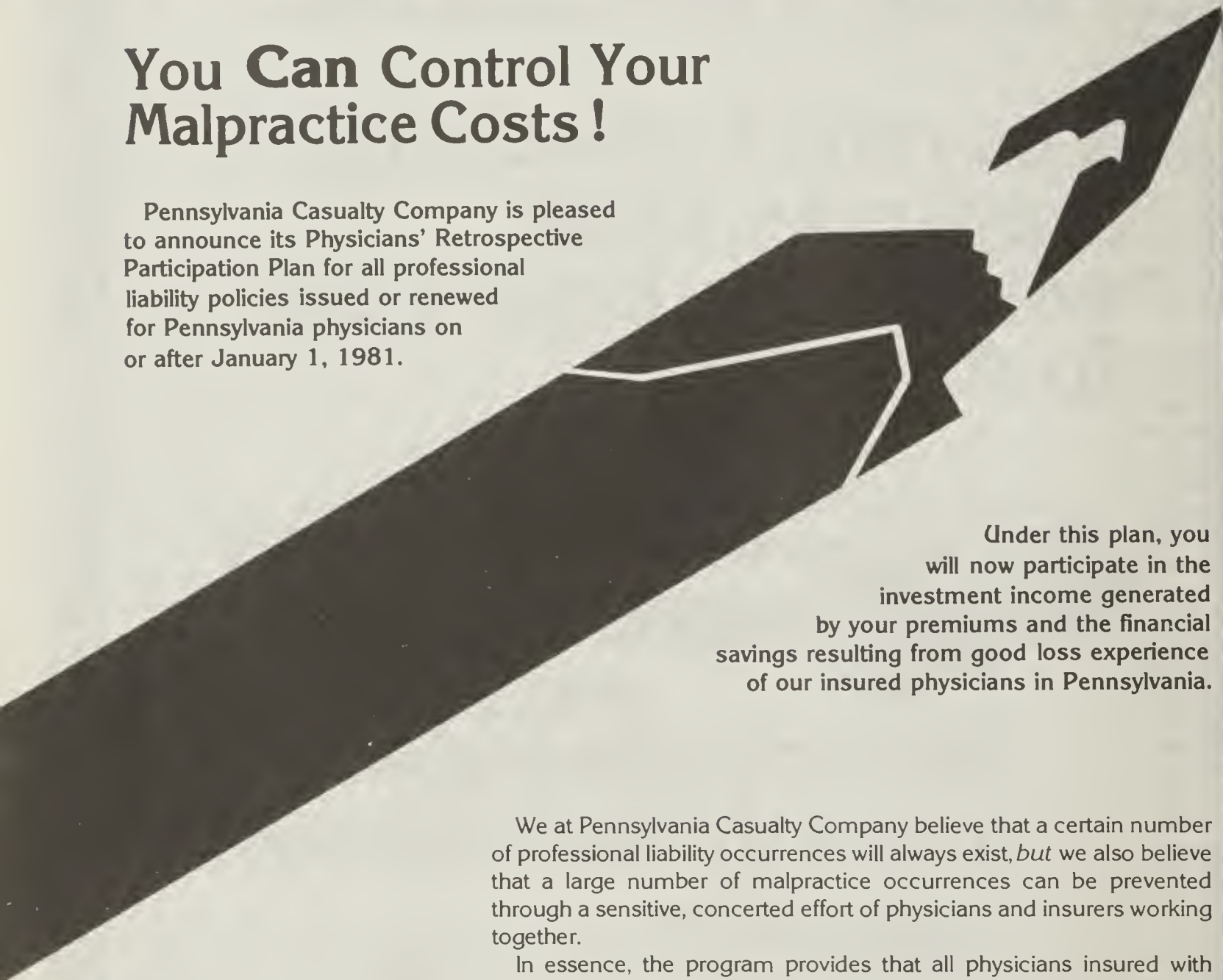
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Society proposes draft legislation to amend Act 111

Three sets of amendments are the answers that the Pennsylvania Medical Society proposed to the problems of the state's "Health Care Malpractice Act."

Henry H. Fetterman, MD, PMS trustee and chairman of its Ad Hoc Committee to Consider Amendments to Act 111, presented the Society's proposal in testimony before the Senate-House "1006" Committee on November 13, 1980.

Dr. Fetterman told the legislators, the insurance commissioner, and the secretary of health:

1. The first set of amendments creates a medical tribunal system to screen claims and eliminate non-meritorious claims before they reach the courts.

2. The second set of amendments creates an alternative to the medical tribunal-court system method of adjudicating claims by providing that the patient may elect compulsory binding arbitration.

3. The third set of amendments are port reforms to the present malpractice law. They relate to definitions of expert witnesses and awarding of damages.

The medical tribunal system is the key amendment. It is a model of the system currently used in Massachusetts. The system is administered by the courts rather than by an individual administrator.

A judge of the court of common pleas, an attorney, and a physician compose the tribunal. The tribunal examines the permissible material presented and applies the directed verdict standard, thereby determining whether or not the case merits a jury trial. Unsuccessful plaintiffs may proceed to court only by posting bond.

Dr. Fetterman pointed out that the Society was not recommending the tribunal system without proof that it works. "The figures for the Massachusetts model show that it does work," said Dr. Fetterman.

The second set of amendments creating an alternative to the tribunal

system would allow the patient to elect compulsory binding arbitration. This election would be made by the patient who signs a memorandum prior to receiving medical treatment. Claims could be brought only to an arbitration panel and could not be appealed to the courts. Under this provision, the existing arbitration panels would be used.

The third set of amendments would modify the malpractice law regarding expert witnesses and awarding of damages. The Society proposes to:

- restrict the definition of expert witness;
- allow the court to appoint an impartial expert at trial;
- award punitive damages to the CAT Fund rather than to the plaintiff;

Pathologists plan 70th international meeting

The 70th Annual Meeting of the United States - Canadian Division of the International Academy of Pathology will be held March 2-March 6, 1981 at the Palmer House in Chicago, Illinois.

Scientific papers, poster sessions, 12 specialty conferences, and 50 short courses are scheduled. The Maude Abbott Lecture, entitled "The impact of time on the diagnosis and treatment of cancer: 1936-1981," will be delivered by Dr. Lauren V. Ackerman.

Physician appeals license revocation

An Altoona physician whose license to practice medicine in Pennsylvania recently was ordered revoked has appealed the order to the State Board of Medical Education and Licensure.

James Herberg, MD, had his license revoked in October 1980 after pleading guilty to felonious charges of illegally selling cocaine, morphine, methaqualone, and amphetamines in three midstate counties.

Dr. Herberg, who will continue to hold his license pending appeal, is now serving a 5- to 10-year prison sentence in the state Correctional Institution at Rockview, and is unable to practice.

- pay future damages periodically after trial instead of in a lump sum; and

- reduce the plaintiff's damage award by all collateral sources, thus avoiding duplicate payments.

Dr. Fetterman concluded, "What the Pennsylvania Medical Society proposes to you today in the form of draft legislation works — we have seen it working well in Massachusetts — and we are confident that it will work equally well in Pennsylvania. In light of the recent Supreme Court decision, it is imperative that changes be made in our Commonwealth's medical malpractice law. Now, more than ever before, is the time to make these changes."

Further information about the meeting and courses may be obtained from Nathan Kaufman, MD, secretary treasurer, United States - Canadian Division of the International Academy of Pathology, 1003 Chafee Avenue, Augusta, Georgia, 30904; telephone (404) 724-2973.

American Cancer Society examines human values

The American Cancer Society will host a national conference on "Human Values and Cancer - Psychological, Social, and Ethical Issues" on April 23-25, 1981 at the Washington Hilton Hotel, Washington, D.C.

The conference aims to improve the ability of health professionals to interact successfully with cancer patients and their families. A multidisciplinary group of experts will explore the changing needs of cancer patients and approaches to problem solving in communication, education, ethics, and psychosocial support.

For further information write Nicholas G. Bottiglieri, MD, American Cancer Society, National Conference on Human Values and Cancer, 777 Third Avenue, New York, NY 10017.

New Socio-economic Factbook of Surgery available

The 1980 edition of the *Socio-Economic Factbook for Surgery* is now available from the American College of Surgeons. The 97-page booklet published by the College contains descriptive and statistical information on surgical manpower, use of medical services, and medical economics. The College used data from secondary sources such as the American Medical Association, the American Hospital Association, and the U.S. Department of Health and Human Services.

Summarized below are some highlights of the book:

• **Medical education** — Forty percent of all residency positions were surgical residencies in 1969-70; in 1978-79, 31 percent of all residents were in the surgical specialties. In the same period, the percentage of residents in primary care specialties increased from 26 to 44 percent.

• **Surgical manpower** — Per 100,000 population in the United States in 1978, there were 200 physicians, 47 surgeons, and 66 primary care physicians. Of the 437,486 physicians in 1978, 45,540 were women; 91,351 were foreign medical graduates and 20,242 were federally employed. Of the 102,414 surgeons in 1978, 4,200 (4 percent) were women, and 17,598 (17 percent) were foreign medical graduates.

• **Health expenditures** — National health expenditures increased 207 percent from \$69.2 billion in 1970,

to \$212.2 billion in 1979. Private sector expenditures increased 185 percent while public sector expenditures increased 270 percent.

• **Health insurance** — In 1978, 85.8 million persons had hospital coverage under Blue Cross-Blue Shield, an increase of 121 percent from 1950. The number of persons with surgical coverage increased 279 percent in the same period, from 19.7 million to 74.6 million. Blue Cross-Blue Shield and other hospital medical plan benefit payments rose from \$590 million in

1950 to \$24 billion in 1978, an increase of 3,968 percent.

The Factbook also provides information on health-related legislative committees and their chairmen and selected federal health acts. It includes the American College of Surgeons statements on unnecessary surgery and second surgical opinion programs.

The *Socio-Economic Factbook for Surgery, 1980* is available free of charge from the Department of Surgical Practice, American College of Surgeons, 55 East Erie Street, Chicago, IL 60611.

Clinical center studies pediatric cancer patients

Physicians are being asked to cooperate in referring young patients with malignancies for studies being conducted by the National Cancer Institute, Pediatric Oncology Branch at the Clinical Center, National Institutes of Health, Bethesda, Maryland.

Patients with acute leukemia, neuroblastoma, rhabdomyosarcoma, Ewing's sarcoma, osteogenic sarcoma, and non-Hodgkin's malignant lymphoma (especially Burkitt's lymphoma) are eligible. Patients selected for the program generally will have received no previous definitive therapy. Clinical trials will evaluate new combinations of chemotherapy, radiotherapy, surgery, and biologic response modifiers.

All patients accepted for admission may be enrolled in studies of optimal supportive care techniques. Patients may be admitted with any extent of disease, except in the cases of neuroblastoma and rhabdomyosarcoma studies which are restricted to extensive disease.

There will be no cost to the patient for evaluation, treatment, travel (except the first trip), hospitalization, or ambulatory care related to these clinical trials.

Physicians interested in further details or in having their patients considered for admission may write Attending Physician, Pediatric Oncology Branch, NCI, Building 10, Room 3B-12, National Institutes of Health, Bethesda, Maryland 20205 or telephone (301) 496-4256.

Pediatricians launch child safety program

Protecting babies and children as passengers in motor vehicles is the goal of a major new program of the American Academy of Pediatrics. The Academy introduced the program, "First ride . . . safe ride," at its annual meeting, October 25-30, in Detroit, Michigan.

The program will encourage the use of infant and child car safety seats for babies on their first rides home from the hospital and on every ride thereafter.

Car accidents are the number one preventable cause of death for children from birth onward, the Academy said. Each year, nearly 1,000 children between birth and age 5 are killed in car crashes, and 60,000 are injured, some permanently crippled.

The traditional "babe in arms" position of carrying newborns home from the hospital has been dubbed the "child crusher" method by child safety experts. In the event of a crash or sudden stop, the infant can be crushed between the dashboard and the mother as she moves forward on impact, or the infant may be torn from the mother's grasp.

"The Academy strongly urges that all children be immunized against preventable diseases," said James Holroyd, MD, chairman of the Academy's Committee on Accident and Poison Prevention. He continued, "The 'vaccine' to combat infant and child car deaths is the proper use of safety seats and seat belts."

MD jailed for drug sham

Floyd A. Santner, MD, was sentenced October 14, 1980 to two to four years in prison and fined \$20,000 for violating state laws on dispensing controlled drugs.

Dr. Santner had freely prescribed methaqualones and other prescription-only depressants out of his former office in Upper Darby. "The office was nothing more than a sham in dispensing these drugs," said Judge Robert F. Kelly, who presided over Santner's trial in Dauphin County Court.

The prison sentence was for prescribing drugs without sound medical reasons and for dispensing drugs to people already dependent on them.

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Does state license expire when fee is not paid?

Fred Speaker, Esq.

The Commonwealth Court of Pennsylvania recently has ruled that a real estate salesman's license does not expire upon failure to pay the biennial registration fee but rather remains inactive subject to being made current by compliance with the renewal procedure. This decision has potential application to licenses of physicians.

The case, *Inverso v. State Real Estate Commission*,¹ involved a real estate salesman who had pleaded guilty to several offenses. The salesman argued that his license was not subject to revocation because of the conviction of certain crimes because he had not renewed his license:

Inverso disputes what seems to be obvious, that his guilty plea brings him within the provisions of Section 11(b) of the Act, by asserting that his real estate salesman's license expired on April 30, 1976, he did not plead guilty to the federal charges

filed against him until October 12, 1976, and therefore Section 11(b) of the Act would have no application here, since it is conditioned on the licensee's entering a guilty plea during the term of the license. However, this assertion is in error since the license issued to him on May 3, 1951 did not expire on April 30, 1976 by his failure to pay a required biennial registration fee to keep his license current for a further 2-year period. The license here in question became

inactive, subject to being placed on a current status by complying with the renewal procedure of Section 8(3) of the Act, 63 P.S. §438(3), and did not expire as a result of Inverso's failure, in 1976, to renew his license for an additional 2-year period.²

As may be suspected, the Commonwealth Court disagreed with Inverso's argument and held that his license was properly revoked.

1./ 413 A.2d 450 (Pa. Commonwealth Ct., April 16, 1980)
2./ *Id.*, at 452 (footnotes omitted).

Women physicians host 2nd regional conference

The Second Regional Conference on Women in Medicine will convene on April 10 through 12, 1981 at Cornell University Medical College and Rockefeller University.

The conference is cosponsored by Cornell University Medical College, Rockefeller University, and the Women's Medical Associations of New York City, New York State, and New Jersey. It carries CME Category 1 credit for 14 hours.

Topics will include medical management of menopause, legal issues affecting women MDs, office management, women in surgery and sports medicine, and power issues arising from traditional role stereotyping.

To register or for further information write Regional Conferences or Women in Medicine, The New York Hospital/Cornell Medical Center Room F-142, 525 East 68th Street New York, NY 10021.

Mr. Speaker is a partner in the law firm of Pepper, Hamilton, & Scheetz, which serves as the State Society's legal counsel.

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Foundation continues HMO activities

For the first time in Pennsylvania it is possible to establish an Individual Practice Organization, that is, a physician-majority Health Maintenance Organization. A bill amending Pennsylvania's Voluntary Nonprofit Health Services Act of 1972 passed in the final minutes of the 1979-80 legislative session. The Pennsylvania Medical Care Foundation, HMO/IPA watchdog of the Pennsylvania Medical Society, worked for the passage of the HMO Act of 1980, and will continue to monitor activity in this area.

Stephen R. Keys

In August 1978, the comprehensive article, "Health Maintenance Organizations (HMOs) and Individual Practice Organizations (IPAs) - A Primer for Practicing Physicians" was published in PENNSYLVANIA MEDICINE. The *Primer* represents the Pennsylvania Medical Care Foundation's initial findings on these alternative methods of health care delivery and financing. Since that time, the Foundation has continued its studies of the various alternative methods and refined its educational materials for interested physicians.

HMO development

During the 1970s, health maintenance organizations (HMOs) experienced a significant growth rate. In 1970, there were less than 40 prepaid plans nationally; today there are 231. The increased commitment and funding for developing plans by the U.S. Department of Health and Human Services (HHS) have contributed significantly to this growth rate.

Of these 231 plans, 116 are "federally qualified." This means they have met certain minimum requirements established by HHS and, in return, receive certain marketplace advantages and are eligible for federal development funds. Of the 116 federally qualified plans, 36 are IPA-type HMOs. Because of its broad base of popularity, the IPA-type HMO has become the fastest developing of the three basic HMO types (staff model, group model, and IPA). To further illustrate the popularity of the IPA, in 1980, HHS made 77 grants available to developing HMOs, 44 of which were IPAs.

In Pennsylvania, there are 11

HMOs serving slightly over 100,000 subscribers. In addition, HMO feasibility studies were conducted in Dauphin and York counties during 1980. Both studies deemed that the development of HMOs in these areas was not feasible at this time. There is also interest in performing feasibility studies in Lancaster, Erie, and Scranton.

Not all is well with HMOs, however, even for those with federal funds. There have been eight federally qualified HMOs that have failed nationally since the HHS grant and loan program was implemented. One plan which failed, Choice Care of Colorado, had been highly praised by HHS as a model IPA.

In Pennsylvania, the Forbes Health Plan of Pittsburgh terminated its subscribers on July 1, 1980 because of financial difficulties. Forbes representatives are currently seeking agreements from several sources to improve the financial condition of the plan to the point that it again will be able to provide health care services.

HMOs are not for everyone or every geographic area.

Organized medicine's position

Both the American Medical Association and the Pennsylvania Medical Society endorse a pluralistic health care delivery system. Such a system includes the fee-for-service practice of medicine, private insurance, HMOs, etc. Both believe that fair market competition among all systems of health care delivery will allow both patients and physicians to exercise a

The author is executive director of the Pennsylvania Medical Care Foundation.

choice, and that the potential growth of HMOs should not be determined by federal subsidy, preferential regulations, or advertising promotion. Clearly, no one mode of delivery and financing should receive preferential treatment at the expense of the others.

As noted in the *Foundation Primer*, we have taken this position one step further. By studying all of the HMO models, the Foundation has identified the IPA-type HMO as the most acceptable model for those physicians who opt to practice in the HMO mode of delivery and financing. The IPA-type HMO is an attractive model because it allows participating physicians to maintain their traditional fee-for-service practice of medicine while also providing services to HMO subscribers.

Such factors as cost effectiveness and quality of care in HMOs are the subject of further study at both national and state levels.

Future trends

While it is difficult to predict the future growth and impact of HMOs on the health care delivery system, several indicators have emerged. First, there is, and will continue to be, aggressive promotion of HMOs by both federal and state governments. The Pennsylvania Department of Health recently released several radio and television spots designed to promote and expand consumer knowledge of HMOs.

Second, there is increased interest and commitment to HMOs by business, industry, and labor. Such companies as Ford, John Deere, Alcoa, and R. J. Reynolds have made commitments to the development of HMOs. The AFL-CIO and UAW also are interested in HMO coverage for their constituencies. The message is clear that the impetus for alternative methods of health care delivery and financing is coming not only from the government, but from the private sector as well.

Another important factor that will affect the future of HMOs is that the federal HMO Act comes up for reauthorization in 1981. Already opposition to the act is surfacing. The Blue Cross/Blue Shield associations and private insurance carriers all have some problems with the provisions of the current act. Likewise, organized

medicine has been against the federal subsidization of HMOs and will likely make issue with any plans to continue to subsidize one form of delivery and financing over the others by means of the HMO loan and grant program.

The HHS Office of HMOs, on the other hand, sees this as an opportunity to correct certain provisions of the act to make the HMO option more attractive to both consumers and providers. Some changes being considered include expanding the current "dual choice" benefit for federally qualified HMOs to a "multiple choice" requirement. This would require employers with more than 500 employees to offer more than one HMO of any given model to its employees.

The current dual choice provision requires any employer with more than 50 employees to offer the first federally qualified HMO of the three different models (staff, group, IPA) to its employees. The proposed multiple choice would help new HMOs in an area where the same type of plan already exists. Another proposed change in the current federal HMO Act would eliminate the requirement that an IPA and an HMO have separate boards of directors.

Considering these changes, it is apparent that any new HMO legislation will differ significantly from the present law.

Foundation's role

The Foundation has continued to study HMOs and other alternative methods of health care delivery and financing. During the past year, the foundation revised its *Primer*, developed *Model IPA Documents* to assist interested physicians, and produced an educational audiovisual program on HMOs and IPAs. The model IPA documents were developed to include those characteristics which would be most acceptable to physicians, including reimbursement methods and the portion of risk which would be fairly assumed.

In 1980 the Foundation, with several other groups, worked for changes in Pennsylvania's original HMO legislation, Act 364 of 1972. These changes were made to the Act with the passage last November of S.B. 1509. This bill allows for the organization and operation of physician-majority HMOs in the Commonwealth.

During 1981, the Foundation will seek acceptable regulations to implement the recently enacted legislation.

Bernard B. Zamostien, MD, the Foundation's president, sums up the Foundation's position on HMOs as follows: "The Foundation has studied the various HMO models and has determined that the IPA-type HMO is the most viable model for both patients and physicians. We will continue to

study the HMO concept and other alternative methods of health care delivery in order to keep the public and the profession informed."

The Foundation will continue as an IPA Resource Center, capable of educating and supporting interested physician groups, and will continue to refine its reference materials to meet the ever-changing needs of the medical profession.

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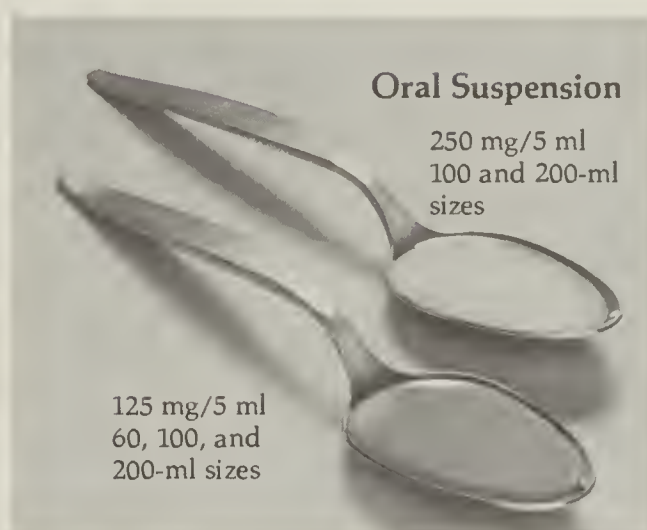
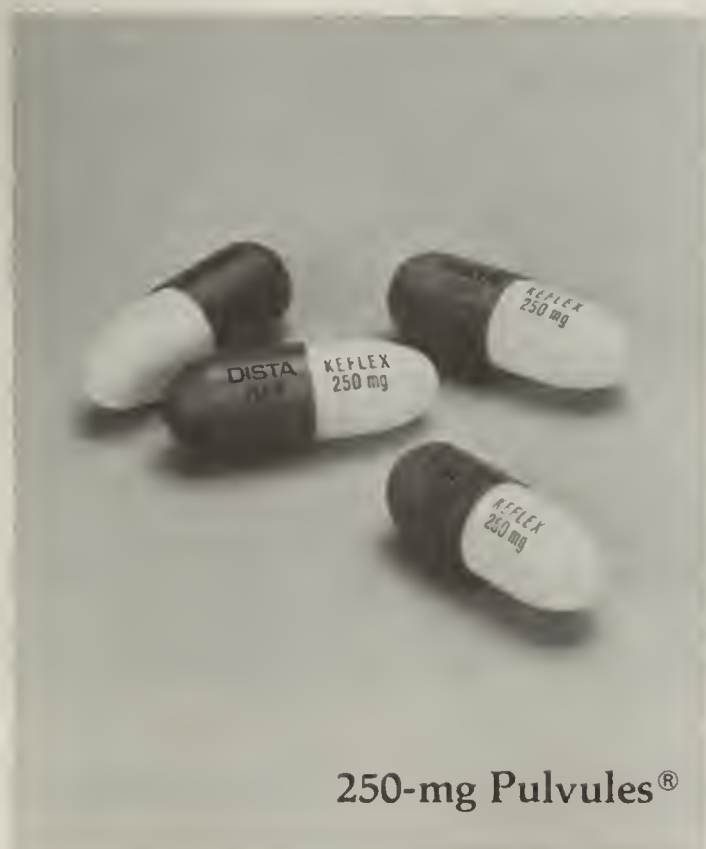
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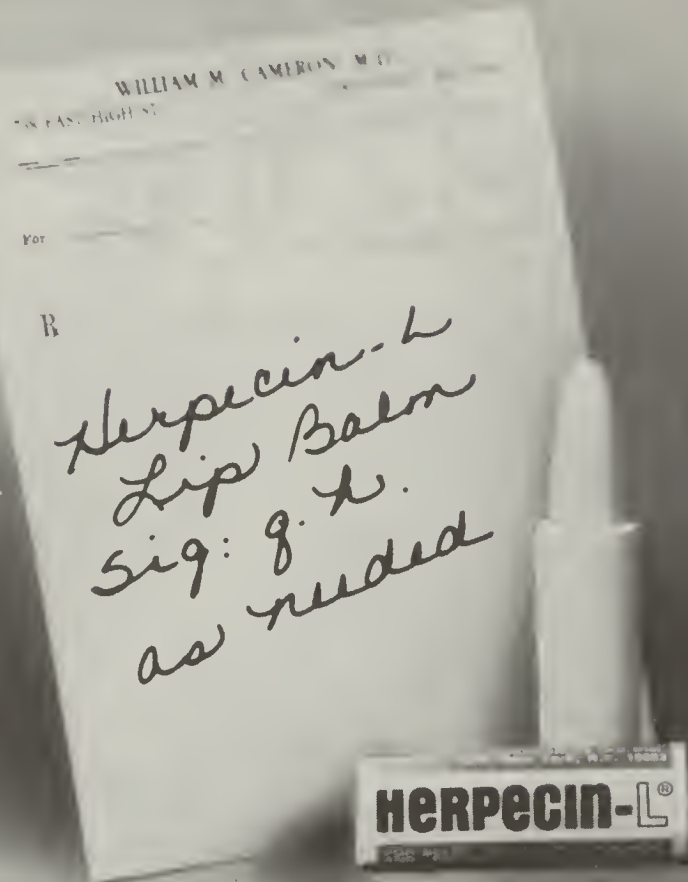
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HIGHLIGHTS OF A SYMPOSIUM ON ANXIETY IN THE AGED

Highlights of diagnosis and treatment

Despite a consensus that significant anxiety is a frequent problem in the aged, surprisingly little substantial basic or clinical research has been undertaken in this area. For that reason, Roche Laboratories in cooperation with the Department of Psychiatry of the University of Arizona, convened a panel of nationally recognized authorities to explore medically relevant aspects of anxiety in the aged.

Here are some of the highlights of that symposium.*

Anxiety experienced and expressed differently in the aged. Age-related changes in the central nervous system may increase anxiety in the elderly who often find themselves in circumstances that provide a great deal to be anxious about.

Whereas younger people usually express anxiety through intricate conversion mechanisms, older patients tend to display overt symptoms—bewilderment, worry, fear, even panic. In addition, the aged are less likely to report an illness or acknowledge physical symptoms, which can lead to difficulties in diagnosis.

The diagnostic dilemma: are symptoms psychosomatic or organic? One pitfall in diagnosing anxiety in the elderly is the similarity between its somatic manifestations and the symptoms of common geriatric illnesses. For that reason, a thorough search for remediable organic causes of anxiety should be standard procedure. The origin of anxiety may be as simple as nutritional anemia, ear wax deafness or vision-impairing cataracts—or anxiety may be a symptom of chronic organic brain syndrome or other physical disorders.

Developing realistic treatment goals for elderly patients. When establishing treatment goals, physicians may take into consideration the patient's personality, life circumstances, duration and intensity of symptoms—and the expected outcome of treatment. Then a definite plan of action is established which may involve psychological intervention, environmental manipulation, pharmacotherapy and/or relaxation techniques. Once the methods and goals of treatment are decided, a follow-up session should be arranged to monitor and assess the results of therapy.

*A symposium in Tucson, Arizona, November 16-17, 1977, sponsored by the Department of Psychiatry, University of Arizona College of Medicine and the Professional Services Department of Roche Laboratories, Division of Hoffmann-La Roche Inc.



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Warnings: Not of value in psychotic patients. Caution against hazardous occupations requiring complete mental alertness. When used adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increased dosage of standard anticonvulsant medication; abrupt withdrawal may be associated with temporary increase in frequency and/or severity of seizures. Advise against simultaneous ingestion of alcohol and other CNS depressants. Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals under careful surveillance because of their predisposition to habituation and dependence.

Use in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: If combined with other psychotropics or anticonvulsants, consider carefully pharmacology of agents employed, drugs such as phenothiazines, narcotics, barbiturates, MAO inhibitors and other anti-depressants may potentiate its action. Usual precautions indicated in patients severely depressed, or with latent depression, or with suicidal tendencies. Observe usual precautions in impaired renal or hepatic function. Limit dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation.

Side Effects: Drowsiness, confusion, diplopia, hypotension, changes in libido, nausea, fatigue, depression, dysarthria, jaundice, skin rash, ataxia, constipation, headache, incontinence, changes in salivation, slurred speech, tremor, vertigo, urinary retention, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances, stimulation have been reported, should these occur, discontinue drug. Isolated reports of neutropenia, jaundice, periodic blood counts and liver function tests advisable during long-term therapy.

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Coping skills which were sufficient in younger days may become severely limited in the elderly. They face not only the constraints brought about by their own reduced capabilities, but also those imposed by the social structure and environment. In these circumstances, supportive care, friendly persuasion and, when required, appropriate use of Valium (diazepam/Roche) can help reduce excessive anxiety and psychic tension to manageable levels.

2 mg: particularly suitable for the anxious older patient.

The 2-mg strength of Valium, b.i.d. or t.i.d., is usually sufficient to produce effective calming action yet low enough to minimize oversedation or drowsiness, fatigue and ataxia. In any case these side effects are relatively rare, as is interference with vital functions. Valium can be taken before, during or after meals—an adaptable regimen. As with all CNS-acting agents, patients taking Valium should be cautioned against operating automobiles or dangerous machinery or drinking alcoholic beverages.

Rapid, sustained calming action with predictable accumulation. The calming action of Valium is usually felt in a matter of hours with more sustained relief occurring within days. Once steady-state levels are achieved there is virtually no further accumulation of drug.

In the elderly, too—therapy should be discontinued gradually. As you know from your own experience, tapering the dosage of Valium is rarely necessary after short-term therapy. However, gradual discontinuation of medication is good medical practice in patients of any age who have received high doses for extended periods. Tapering of therapy helps to avoid rapid recurrence of pretreatment symptoms or development of withdrawal symptoms.

2-mg scored tablets

VALIUM®^{IV}

diazepam/Roche

WHEN ANXIETY-NOT AGE- IS THE BARRIER TO COPING



Before prescribing, please see summary
of product information on preceding page.

In Hypertension*...When You Need to Conserve K⁺

Every Step of the Way

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ADD OR SUBSTITUTE
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DYAZIDE

**EFFECTIVE STEP 1
DIURETIC THERAPY[†]** (when the
combination represents previously titrated doses)

Each capsule contains 50 mg. of Dyrenium® (brand of triamterene) and 25 mg. of hydrochlorothiazide.

[†]Step 1 usually consists of an initial phase (a diuretic alone), a titration phase (dosage adjustment and/or addition of a K⁺ supplement or K⁺-sparing agent), maintenance phase (a diuretic alone or in combination with a K⁺ supplement or K⁺-sparing agent).

Serum K⁺ and BUN should be checked periodically (see Warnings).

Before prescribing, see complete prescribing information in SK&F Co. literature or PDR. A brief summary follows:

*

WARNING

This drug is not indicated for initial therapy of edema or hypertension. Edema or hypertension requires therapy titrated to the individual. If this combination represents the dosage so determined, its use may be more convenient in patient management. Treatment of hypertension and edema is not static, but must be reevaluated as conditions in each patient warrant.

Contraindications: Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. **Associated widened QRS complex or arrhythmia requires prompt additional therapy.** Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, throm-

bocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Watch for signs of impending coma in severe liver disease. If spironolactone is used concomitantly, determine serum K⁺ frequently; both can cause K⁺ retention and elevated serum K⁺. Two deaths have been reported with such concomitant therapy (in one, recommended dosage was exceeded, in the other serum electrolytes were not properly monitored). Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic anemia have been reported with thiazides. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Anti-hypertensive effect may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with

possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hyperkalemia, although uncommon, has been reported. Corrective measures should be instituted cautiously and serum potassium levels determined. Discard and replace corrective measures and 'Dyazide' should be used only if laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilute hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function.

Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, urticaria, photosensitivity, purpura, other dermatological conditions, nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances. Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and, rarely, allergic pneumonitis have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components.

Supplied: Bottles of 1000 capsules, Single Unit Packages (unit-dose) of 100 (intended for institutional use only), in Patient-Pak™ unit-of-use bottles of 100.

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Public relations awareness vital to private medicine

Jeff C. Beck, LL.B., CPBC

Vasilios J. Kalogredis, JD, CPBC

Geoffrey T. Anders, CPA, JD

Dorothy R. Sweeney

Physicians are by their natures not particularly interested in the rather disdained fields of marketing, advertising, and public relations. They decided on their profession for reasons tied to technical interest and service to others, and these reasons are somewhat incompatible with the thought of selling. In fact, as we have pressed some of our medical clients to more affirmatively market their practices, the responses often have been blank stares.

Impending economic crunch

Times are changing, and it behooves physicians to change with them. Government studies and responsible articles follow one upon the other to demonstrate the increasing oversupply of physicians. The situation has in many specialties and areas already caused practice growth to fall off. Income increases appear these days to be limited mainly to fee changes, as the number of patients seen stays level or diminishes.

Doctors with busy, successful practices just do not seem interested in these symptoms. Some of them essentially respond that they are so busy rendering high quality care to so many patients that they have no time to worry; and the concern is put beneath their professional dignity. It is, however, convenient to place oneself "above" such economic concern so long as one is earning a high income, though that level of principle tends to bend as the economics changes.

We expect, however, that even presently successful practices will feel an economic "crunch" in the next five and ten years. Doctor advertising is beginning to appear and will increase dramatically. Newer practices will find ways to tell the community of favorable fee schedules, of willingness to participate in Blue Shield and accept

medicare assignments and even of expertise in special procedures. And specialists will concentrate heavy promotion of their characteristics to potential referring doctors, breaking down the reliability of presently comfortable single-source referral lines.

Knowing your competition

Even before the predictions of doctor oversupply, there were ominous warnings. In 1974 we wrote an article entitled "Facing medicine's gravest problem" (PENNSYLVANIA MEDICINE, June, 1974, p. 32, which quoted extensively from an article by Thomas F. Zirkle) which included the following:

Interestingly enough, very few physicians make any correlation between poor public relations and the ominous trend of the government to intervene in private medicine. When the possibility of such a relationship is suggested, most doctors express firm disbelief and attribute legislation on medical care to the persistent efforts of a few professional liberals. While such an ele-

ment obviously exists and has had considerable influence on Congress, the simple truth of the matter is that most members of Congress voted for these measures because their constituents wanted them. While this may be a difficult concept to accept—and I know that many cynics will describe it as naive—I would venture to guess that a public referendum on National Health Insurance at this time would find overwhelming public support for the program with perhaps a large footnote condemning the professions for the many well-publicized abuses which have appeared in the press.

You may disagree with this conclusion; yet it seems inevitable to me that government intervention in medicine will directly and accurately reflect the state of discontent between doctor and patient."

The real solution to the governmental threat is almost totally in the hands of the private physician who cares for patients on a person-to-person basis. He must convey to each

STOP!

Don't turn this page unless you are sure that your medical practice serves you, your patients, and the medical profession as a whole in an optimal way.

If it does, then you understand and are practicing good public relations as well as good medicine.

The authors of this article, concerned about the financial health of your practice, have outlined here some of the basic principles you follow if you know all there is to know about public relations. It's a lot more than the dictionary definition on the cover.

In a survey last spring, the members of the Pennsylvania Medical Society voiced their concern about the public image of the medical profession as a whole, and asked that PMS take steps to improve it. Society President Leroy A. Gehris, MD, said it all when he told the 1980 House of Delegates, "Good public relations starts in the doctor's office."

So do a favor for yourself, your patients, and your profession. Don't turn the page—read it!

The authors are the principle consultants of Management Consulting for Professionals, Inc., Bala Cynwyd, Pa.

patient that he is the most competent and most thoughtful, available physician. He must convince each patient that he satisfies the patient's need better than the government-supported HMO or the large multi-specialty clinic. *Whether that doctor actually is best is of little consequence for the patient's selection will be based only on perceptions.*

So marketing and public relations are the essential ingredients in protecting the presently successful physician against these likely encroachments on his practice. The HMOs are in fact gobbling up large numbers of patients otherwise treated by solo doctors and small groups. And the clinic-sized multi-specialty groups are keeping patients who cease being referred to independent nonclinic specialists.

The HMOs employ experienced, well-paid marketing experts. These experts are key members of the pre-paid practices' executive staffs. Similarly, we expect other large medical groups to be hiring public relations experts during this decade. The architectural, accounting, and law professions already are seeing this phenomenon, and there is no reason to assume that medical groups will not follow the same path.

Unless the private practitioner blocks these governmental and institutional inroads by having "satisfied customers," his practice will be chipped away. He then will face competition both from the oversupply of small practices and from the growth of the big organizations.

We urge the privately practicing physician to anticipate the problems and to start now to protect his practice. It may be too late to begin thinking about public relations and marketing after his practice has begun to sputter.

What can the doctor do?

Doctors can begin meeting the described threats first by simply tuning their thought processes to the importance of public relations. They can continue to practice the highest quality medicine, but they must be critical whether their patients *appreciate* that quality and their concern. Physicians must care that their well-treated patients are, in fact, "satisfied customers."

As to office practice, there is so much to consider. The physician must be sure to provide a comfortable office environment, both as to the physical facility and in having helpful, cordial assistants. Employees who are unsympathetic or unfriendly may have to be weeded out.

Physicians also must recognize their patients' concern for promptness. It is neither fair nor considerate to keep patients waiting simply because the doctor overbooked his schedule. When unavoidably late, the least the physician can do is extend the courtesy of letting patients know the compelling reasons for delay. Patients consider their time as valuable as the doctor's, so some public relations can help them accept a long wait more sympathetically.

Billings, collection follow-up and insurance handling can be conducted so the patient will appreciate and understand an office's routines. Especially as so many doctors elect not to participate in Blue Shield or accept medicare assignments, they must be sure their patients have been told and understand the process.

There are a variety of other public relations steps which some doctors are taking and which we expect to grow in the next few years. Here are a few of them.

Patient information booklets

Many physicians have drafted informative brochures describing their practices and their basic arrangements of importance to patients. Such patient information booklets are timesaving devices for a doctor's office. One estimate suggests that these booklets may reduce incoming telephone calls by 20 to 30 percent. Just as importantly, however, the booklets can be a courtesy to the patients. The booklet aims to reach out and communicate with the patients before misunderstandings arise.

The booklets may prove particularly useful with new patients, who typically know little about the physician(s) or the office and its policies. The booklets can provide advance indoctrination to help prevent problems. Consider, for example, a patient's surprise at an office's disproportionately high first office visit fee, at its policy for payment "over-the counter" or at

its nonparticipation in Blue Shield and/or refusal to take medicare assignments.

We therefore suggest a routine of mailing the patient information booklet to each new patient as soon as the first office visit is scheduled. The receptionist need merely ask the patient's address as she makes the appointment and then promptly send out the booklet. A small preprinted card may be enclosed (see Figure 1).

Some physicians complain that patient information booklets lack effectiveness because patients, too often, misplace or disregard them. In our opinion, this argument does not justify stopping distribution of the booklets. In fact, the information pamphlets may become low key advertising of one's practice as patients share and compare them with friends.

Patient newsletters

Physicians can take some advice from the dental profession. An increasing number of dentists now prepare and send quarterly newsletters to all their patients. These newsletters usually are written fairly casually by the doctors and their employees to report on matters of interest related to their practices. A few underlying purposes of course, are to remind the patients of the physician's concern, to hold the patient's allegiance and generally to serve as good public relations.

Professionally, a newsletter can satisfy the growing emphasis on prevention. A physician can remind his patients of certain health matters for their benefit, particularly including any new information in his specialty that may be relevant. This is the age of prevention, and the newsletter may be one way a physician can help raise the level of his patients' health consciousness.

We predict that in the next five years many physicians will be addressing newsletters to their patients. Developing a well-planned, high quality publication now may help put you ahead of this likely trend in which the beneficiaries will be both your patients and your practice.

We have heard of one physician who leaves a supply of his newsletters at the local drug and health food stores. Although many readers may be repulsed by this seemingly unprofes-

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9:00 - 10:30 THE AGING GUT - Moderator: Stanley H. Lorber, MD

H. Clearfield - Ca Detection

B. Frank - Diverticular Disease

R. Fisher - Chest Pain GI Origin

W. Rubin - Constipation

10:30 - 10:45 COFFEE

10:45 - 12:15 PEPTIC ULCER - Moderator: O. D. Kowlessar, MD

F. Brooks - H₂ Inhibitors

W. Lipshutz - Gastric Ulcer

S. Cohen - Duodenal Ulcer

W. Mahood - G. I. Bleeding

12:15 - 1:30 LUNCHEON

1:30 - 3:00 HEPATITIS UPDATE - Moderator: Martin Black, MD

R. Meyerson - A & non A non B

R. Soloway - Chronic Active

J. Senior - Drug Induced

J. Watkins - B

3:00 - 3:15 COFFEE AND COKE

3:15 - 4:45 INFLAMMATORY BOWEL DISEASE - Moderator: Henry J.
Tumen, MD

E. Cohn - Ischemic Colitis

F. Goldstein - Crohn's

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We look forward to meeting you at the appointment made for _____ at _____
(day) (date) (time)

For your information and review before your visit, the enclosed pamphlet describes our practice and some of its policies. If you have any questions, please feel free to call us right away.

Figure 1.

sional approach, many will find such marketing ploys increasingly threatening to their practices over the next few years.

Patient questionnaires

It is commonly recognized that a physician will be the last person to learn of patient complaints about his office, its level of courtesy, the business arrangements, and the like. Patients fuming over long waits in a dingy reception room, for example, tend not to express their annoyance when finally they are examined by the doctor. Similarly, displeasure at an assistant's snippiness or at the handling of one's medicare form only will occasionally be directed personally at the doctor.

Thus the physician is insulated from any feel for his practice's patient relations. This is yet another source of annoyance to his patients. They may presume that the doctor does not structure his practice to serve them thoughtfully, or that he does not care, or both.

Some offices therefore periodically prepare a brief questionnaire asking the patients to evaluate how they were handled. The form may be available at the reception desk for each patient to take upon leaving the office, or it could be mailed out with each bill. Questions would focus on the waiting room, the various assistants' courtesy, the length of waiting time, the doctor's responsiveness in answering questions, and the like.

Such a questionnaire can be drafted

by the physician(s) and the office manager to best suit that specific practice's concerns, but independent consultants or advisors can be helpful, too.

The questionnaire will help the doctor and his staff learn how they can improve their own level of responsiveness to patients. Thus it will help them structure the practice more competitively. A questionnaire also tells a physician's patients that he really does care how they are handled in their encounters with him and his staff in his physical offices. Just the fact of asking (assuming he gives attention to the answers) will be a positive item in a doctor's effort to market his practice.

Drug information pamphlet

One client of ours recently developed a special patient information pamphlet entitled "Drug Effects and Side-Effects." It is a simple preprinted folder, containing the title and the physician's name, address, and phone number on the cover. On one inside page is a brief description, in the physician's own words, telling why the booklet is being provided. The specific drug's description gets stapled to the other inside page.

This doctor has drafted his own discussion of each drug he commonly prescribes. Each description is preprinted separately so the page for whichever drug he prescribed can be stapled into the folder and handed to the patient.

Patients have responded favorably. From a medical standpoint, the pam-

phlet has helped this physician feel assured that his patients are well informed as to their prescribed drugs—a form of risk control. From a public relations standpoint, his patients have another indication that he really cares about their treatment and their information. He thus comes off better on this point than do the other doctors in his specialty who do not give this "something extra."

Practice development advisors

We were surprised to learn recently that a company has been started in Washington, D.C. to specifically counsel medical practices on building their patient loads. They would study the doctor and his office to help him market his services more effectively, presumably including emphasis on the doctor's own personality, communication skills, and the like. While we are not presently acquainted with this new company or its principals (a physician and a management consultant), we see its presence as one more example of the times.

Conclusion

Private medical practice as most of our clients know it is at a crisis point. Between the continuing supply of more potentially competing physicians and the expansion of HMOs and large clinics, the pressures on successful practitioners will grow during this decade. Practices that are now oblivious to these pressures may well find their patient bases become threatened and perhaps even begin to shrink.

These pressures will accelerate medical practices' interest in and use of marketing concepts—and public relations. Doctors who presently disdain such thoughts as being below their professional dignity may find themselves forced by economics to change their thinking, or else their practices may be chipped away by others who are more open-minded.

The time to deal with change is before it is too late. We believe our readers and clients should stay ahead of the trend, developing real public relations and marketing thoughts now. We hope the described examples of such emphasis will be helpful, and we expect to see many more examples over the next few years.

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For information, call Jay Laff, President, at (215) 348-7770.

THE MEDICAL CENTER FOR AGING has a unique philosophy. Too many people have given up on older adults and their health problems. "What do you expect? You're 73 years old." We believe that *every* year of a person's life should be as rich and meaningful as possible.

Our goal is to rehabilitate the whole individual. Our dedicated team of physicians, medical specialists and registered nurses has been trained to recognize and understand the needs of older adults.

We also have a full-time dietician, a pharmacist, a staff of skilled nursing assistants and several consulting psychiatrists and social workers. The mind and the heart must be treated too.

AMBULATORY CARE CENTER. This is our complete outpatient service located on the first floor of The Medical Center.

There is an appointment clinic for individuals requiring professional

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ORIENTATION AND REALITY THERAPY. A program designed to strengthen the senses of the disoriented older adult.

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*Mr. Jay E. Laff, President
The Medical Center for Aging*

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Katherine Holmen, 71 years old

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“There will be almost 40 million Americans over the age of 65 by the year 1990. The need for The Medical Center for Aging is great now. It will be even greater in the future.”

*Dr. Paul Moyer, Medical Director
The Medical Center for Aging*

You are invited to visit the facility and spend some time with our staff. Please call Jay Laff, President, at (215) 348-7770 to arrange a visit. Or write: The Medical Center for Aging, 777 Ferry Road, Doylestown, PA 18901, for more information.

The Medical Center for Aging is part of Life Care Society of America, Inc. A family of companies with experience and expertise in meeting the growing needs of older Americans.



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physicians in the news

Alfred P. Fishman, MD, Philadelphia, recently received one of two Distinguished Achievement Awards conferred by the Scientific Councils of the American Heart Association. Dr. Fishman is professor of medicine and director of the cardiovascular-pulmonary division at the University of Pennsylvania.

Two Pennsylvania physicians were elected to posts with the American Heart Association during its national assembly in November 1980. **Robert F. Zelis, MD**, Hershey, was re-elected vice president and chairman of the national Program Committee. **Oscar M. Reinmuth, MD**, Pittsburgh, was named director-at-large.

Alfred G. Knudson, Jr., MD, PhD, has been named president and chief executive officer of the Fox Chase Cancer Center, Philadelphia. Dr. Knudson will continue as director of the Institute for Cancer Research, and will direct the affairs of the American Oncologic Hospital and the Institute.

The American Cancer Society recently elected **J. Mostyn Davis, MD**, a delegate to its House of Delegates. Dr. Davis, a Northumberland County family physician, is a member of the PMS Board of Trustees.

The Pennsylvania Association for Thoracic Surgery recently elected new officers. They are **John Y. Templeton, III, MD**, president; **W. Minster Kunkel, Jr., MD**, vice president; **Joseph C. Donnelly, MD**, secretary; and **Horace MacVaugh, III, MD**, treasurer.

Archibald Laird, MD, recently was awarded the title of Paul Harris Fellow in the Rotary International. Dr. Laird is an ophthalmologist in Wellsboro.

Harold Kolansky, MD, professor of psychiatry and human behavior at Jefferson Medical College, has been appointed the first head of the child and adolescent psychoanalysis section in the division of child, adolescent, and family psychiatry.

Daniel Lieberman, MD, **Harry Shubin, MD**, and **Martin H. Wendkos, MD**, recently received fellowship diplomas and convocation medals from the Academy of Psychosomatic Medicine. Dr. Shubin also was recognized by the American Academy of Medical Administrators with its Award of Merit. He is national secretary of the Academy and medical director of the Center City Hospital in Philadelphia.

Isaac Djerassi, MD, recently was presented a leather-bound copy of the November 1980 edition of *Reader's Digest*. The issue spotlights the Darby physician's "All-Out War Against Cancer." He is director of research in hematology and oncology at Mercy Catholic Medical Center.

The Education and Research Fund of the American Foundation for Negro Affairs recently recognized **Maurice C. Clifford, MD**, with its Distinguished American Award. Dr. Clifford is president of the Medical College of Pennsylvania.

Geisinger Medical Center Institute for Medical Education and Research 1981 Continuing Education Programs

Concepts in Clinical Practice*/Friday, Saturday, & Sunday, February 13-15, 1981

Current Dental Procedures/Wednesday, February 18, 1981/9 a.m. to 5 p.m.

Venereal Disease Update/Wednesday, March 4, 1981/1 p.m. to 5 p.m./\$30

Otolaryngology Update for Primary Care Physicians/Wednesday, March 18, 1981/9 a.m. to 5 p.m./\$55

Occupational Health Nurse Program*/Saturday, March 28, 1981/9 a.m. to 5 p.m.

Current Concepts in the Rehabilitation of the Stroke Patient/Wednesday, April 1, 1981/9 a.m. to 5 p.m./\$55

Problems in Neuro-Ophthalmology*/Saturday, April 11, 1981/9 a.m. to 1 p.m./\$30

Advances in Practical Dermatology/Wednesday, April 15, 1981/9 a.m. to 5 p.m./\$55

Problems in Vascular Disease/Wednesday, April 22, 1981/9 a.m. to 5 p.m./\$55

Gynecology Update for Family Practitioners/Wednesday, April 29, 1981/9 a.m. to 5 p.m./\$55

13th Annual Special Child Conference*/Saturday, May 2, 1981/9 a.m. to 1 p.m.

2nd Geisinger Nutrition Symposium*/Friday & Saturday, May 15-16, 1981

Thyroid Disease Update: 1981*/Saturday & Sunday, May 30-31, 1981/Pocono Hershey

Congestive Heart Failure: Reversible Causes and Management/Wednesday, June 10, 1981/9 a.m. to 5 p.m./\$55

Annual Pocono Course*/Wednesday to Sunday, August 12-16, 1981

*Weekend course

As an organization accredited for continuing medical education, Geisinger Medical Center certifies that these activities meet the criteria for credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. (Refer to each program: full day, 7 hours credit; half day, 4 hours credit.)

For further information write to Millie K. Fleetwood, Ph.D., Geisinger Medical Center, Danville, PA 17821 or telephone (717) 271-6692.



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obituaries

• *Indicates PMS membership at time of death*

• **Morris Bastacky**, Fredericktown; St. Louis College of Physicians and Surgeons, 1936; age 74, died October 23, 1980. Dr. Bastacky had been chief of radiology at Centerville Clinic.

• **Charles Bishop Beymer**, Indiana; University of Nebraska School of Medicine, 1925; age 78, died November 1, 1980. Dr. Beymer had been director of the Pechan Infirmary of Indiana University of Pennsylvania for 11 years.

• **Sydney M. Borowsky**, Philadelphia; University of Pennsylvania School of Medicine, 1932; age 73, died October 26, 1980. Dr. Borowsky was a pediatrician.

• **Paul Grubbs Bovard**, Tarentum; Northwestern University Woman's Medical School, Chicago, 1926; age 82, died November 16, 1980. Dr. Bovard was a radiologist and a specialist in industrial medicine. He had served on the PMS Board of Trustees in 1952.

• **William Thomas Brogan**, Norwood; Georgetown University School of Medicine, 1932; age 79, died November 8, 1980.

• **Howard Arthur Coyer**, Lemoyne; Hahnemann Medical College, 1932; age 75, died October 24, 1980. Dr. Coyer was an abdominal surgeon.

• **Douglas W. Greene**, Camden, New Jersey; Howard University School of Medicine, 1946; age 68, died November 2, 1980. Dr. Greene was a urologist who had practiced in West Philadelphia since 1951.

• **Turgut Nazif Hamdi**, Philadelphia; University of Pennsylvania School of Medicine, 1940; age 64, died November 9, 1980. Dr. Hamdi was an attending surgeon on Wills Eye Hospital's General Ophthalmology Service. He was one of the first physicians in the nation to implant an intraocular lens during cataract surgery.

• **Maurice Jaffe**, Demarest, New Jersey; University of Pennsylvania School of Medicine, 1920; age 84, died October 28, 1980. Dr. Jaffe had practiced medicine in Philadelphia for more than 50 years.

• **Samuel R. Kaufman**, Wilkes-Barre; Jefferson Medical College, 1932; age 81, died October 19, 1980. Dr. Kaufman was a dermatologist.

• **James S. Koury, Jr.**, Harrisburg; Jefferson Medical College, 1953; age 54, died November 13, 1980. Dr. Koury was a member of the general practice department at Polyclinic Medical Center. He had practiced medicine in Harrisburg for more than 20 years.

• **Thomas Calvin Leinbach**, Fort Lee, Virginia; University of Pennsylvania School of Medicine, 1948; age 56, died November 3, 1980. Dr. Leinbach had been an orthopedic surgeon in Reading from 1956 to 1979. He had been employed as an orthopedic surgeon in Fort Lee since December 1979.

• **Henry W. Miller**, Indian Atlantic, Florida; Temple University School of Medicine, 1940; age 67, died November 15, 1980. Dr. Miller was a retired Lancaster obstetrician and gynecologist. He had served as a physician in the Navy for more than ten years.

• **Paul R. Miraglia**, Conshohocken; Hahnemann Medical College, 1934; age 71, died November 12, 1980.

• **Francis G. Moore, Jr.**, Holland; University of Pittsburgh School of Medicine, 1956; age 52, died October 24, 1980.

• **Frank G. Prestileo**, Pottsville; Hahnemann Medical College, 1935; age 69, died November 3, 1980. Dr. Prestileo was a general practitioner in Pottsville for 45 years.

• **Ira L. Schamberg**, Elkins Park; University of Pennsylvania School of Medicine, 1934; age 71, died October 27, 1980. Dr. Schamberg was chief of dermatology at Jeanes Hospital in Northeast Philadelphia for more than 15 years. He was a consultant on controlling the spread of venereal disease.

• **George Harnish Stein**, Harrisburg; Hahnemann Medical College, 1930; age 75, died October 16, 1980. Dr. Stein was a retired physician and surgeon with 44 years of service. He had practiced at Keystone Private Hospital and was a former member of the general medical and surgical staffs at Polyclinic Medical Center.

• **Wesley G. Stish**, Hazleton; University of Rome, Italy, 1935; age 71, died November 10, 1980. Dr. Stish had practiced medicine in Hazleton for 45 years.

• **James Thomas Taylor**, Johnstown; University of Pennsylvania School of Medicine, 1928; age 82, died November 9, 1980. Dr. Taylor was a former medical staff president and chief of surgery at Memorial Hospital in Johnstown. He worked as a physician for U.S. Steel Corp. from 1964 until 1970.

• **Houshang Vossoughi**, New Kensington; Tehran Medical School, Tehran, Iran, 1961; age 43, died November 21, 1980. Dr. Vossoughi was an orthopedic surgeon at Citizens General Hospital in New Kensington and Allegheny Valley Hospital in Natrona Heights.

• **Theodore C. Zeller**, McKeesport; Jefferson Medical College, 1923; age 82, died October 18, 1980. Dr. Zeller was an eye, ear, nose, and throat specialist in McKeesport.

• **I. Nathan Dubin**, Wynnwood; age 67, died November 2, 1980. Dr. Dubin was professor of pathology and community and preventive medicine at the Medical College of Pennsylvania. In 1953 he co-discovered the Dubin-Johnson Syndrome.

• **John Dulaney Walters**, Oakland, California; age 69, died September 21, 1980. Dr. Walters had been a dermatologist in Uniontown.



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Drug dependence: Empirin with Codeine can produce drug dependence of the morphine type and, therefore, has the potential for being abused. Psychic dependence, physical dependence, and tolerance may develop upon repeated administration of this drug and it should be prescribed and administered with the same degree of caution appropriate to the use of other oral, narcotic-containing medications. Like other narcotic-containing medications, the drug is subject to the Federal Controlled Substances Act.

Use in ambulatory patients: Empirin with Codeine may impair the mental and/or physical abilities required for the performance of potentially hazardous tasks such as driving a car or operating machinery. The patient using this drug should be cautioned accordingly.

Interaction with other central nervous system (CNS) depressants: Patients receiving other narcotic analgesics, general anesthetics, phenothiazines, other tranquilizers, sedative-hypnotics, or other CNS depressants (including alcohol) concomitantly with Empirin with Codeine may exhibit an additive CNS depression. When such combined therapy is contemplated, the dose of one or both agents should be reduced.

Use in pregnancy: Safe use in pregnancy has not been established relative to possible adverse effects on fetal development. Therefore, Empirin with Codeine should not be used in pregnant women unless, in the judgment of the physician, the potential benefits outweigh the possible hazards.

PRECAUTIONS:

Head injury and increased intracranial pressure: The respiratory depressant effects of narcotics and their capacity to elevate cerebrospinal fluid pressure may be markedly exaggerated in the presence of head injury, other intracranial lesions or a pre-existing increase in intracranial pressure. Furthermore, narcotics produce adverse reactions which may obscure the clinical course of patients with head injuries.

Acute abdominal conditions: The administration of Empirin with Codeine or other narcotics may obscure the diagnosis or clinical course in patients with acute abdominal conditions.

Allergic: Precautions should be taken in administering salicylates to persons with known allergies: patients with nasal polyps are more likely to be hypersensitive to aspirin.

Special risk patients: Empirin with Codeine should be given with caution to certain patients such as the elderly or debilitated, and those with severe impairment of hepatic or renal function, hypothyroidism, Addison's disease, prostatic hypertrophy or urethral stricture, peptic ulcer, or coagulation disorders.

ADVERSE REACTIONS: The most frequently observed adverse reactions to codeine include light-headedness, dizziness, sedation, nausea and vomiting. These effects seem to be more prominent in ambulatory than in nonambulatory patients and some of these adverse reactions may be alleviated if the patient lies down. Other adverse reactions include euphoria, dysphoria, constipation, and pruritus.

The most frequently observed reactions to aspirin include headache, vertigo, ringing in the ears, mental confusion, drowsiness, sweating, thirst, nausea, and vomiting. Occasional patients experience gastric irritation and bleeding with aspirin. Some patients are unable to take salicylates without developing nausea and vomiting. Hypersensitivity may be manifested by a skin rash or even an anaphylactic reaction. With these exceptions, most of the side effects occur after repeated administration of large doses.

DOSAGE AND ADMINISTRATION: Dosage should be adjusted according to the severity of the pain and the response of the patient. It may occasionally be necessary to exceed the usual dosage recommended below in cases of more severe pain or in those patients who have become tolerant to the analgesic effect of narcotics. Empirin with Codeine is given orally. The usual adult dose for Empirin with Codeine No. 2 and No. 3 is one or two tablets every four hours as required. The usual adult dose for Empirin with Codeine No. 4 is one tablet every four hours as required.

DRUG INTERACTIONS: The CNS depressant effects of Empirin with Codeine may be additive with that of other CNS depressants. See WARNINGS.



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Proceedings

131st Annual Meeting of the House of Delegates

Philadelphia, October 31-November 2, 1980

Secretary's Note: Copies of all reports, annotated reference committee reports, addresses, and resolutions in their entirety are available on request.

Opening Session of the House October 31, 1980

D. Ernest Witt, MD, Speaker of the House, called the opening session of the House of Delegates to order at 9:45 a.m., Friday, October 31, 1980, in the International Ballroom of the Fairmont Hotel, Philadelphia.

Committee on Credentials

William A. Shaver, MD, Lebanon County, Chairman of the Committee on Credentials, presented the following report:

"Mr. Speaker, there is a quorum of 194 delegates registered and in attendance today."

Invocation

Rabbi Gerald I. Wolpe of Penn Valley, Pennsylvania offered the invocation. Rabbi Wolpe is spiritual leader of the Harzion Temple; assistant clinical professor at Hahnemann Hospital; and assistant clinical professor in Bioethics and Sociology of Medicine at the Medical College of Pennsylvania.

Committee on Rules

R. Robert Tyson, MD, Philadelphia County, Chairman of the Committee on Rules, presented the following written report:

"Mr. Speaker, and members of the House of Delegates: The Reference Committee on Rules met and unanimously approved the adoption of the Standing Rules of the House of Delegates of the Pennsylvania Medical Society as published in the 1980 *Official Reports Book*.

"Mr. Speaker, I recommend that the Standing Rules of the House of Delegates be adopted as presented."

The House approved the report of the Committee on Rules.

Approval of Proceedings

The Proceedings of the 130th annual meeting of the Society, held in Camp Hill, November 1-3, 1979, and found on pages 40-56 in the January 1980 issue of *PENNSYLVANIA MEDICINE*, were approved.

Necrology Report

The House stood in tribute following the Necrology Report presented by David J. Keck, MD, Chairman of the Board of Trustees:

"At this time, it is customary to ask you to give a moment's thought to our members who may have been with us here a year ago, but, in the past months, have responded to their last roll call. Their names have been memorialized in county medical society bulletins and in *PENNSYLVANIA MEDICINE*, the journal of the Pennsylvania Medical Society.

"From September 1, 1979 to August 31, 1980, we have lost by death 176 members: 6 not over 50 years of age; 66 between 51 and 70; 92 between 71 and 90; and 12 in the group aged 91 and over. Of these 176 members, 100 were Associates, all of whom were 70 years of age or over. The Necrology Report at the last annual meeting reported the loss of 181 members.

"May we rise for this moment in silence and respect to those members who have passed to their eternal reward during the past year."

Speaker's Announcements

Dr. Witt announced that delegates should be aware of Resolution 72-6 prohibiting smoking in the House of Delegates and reference committee hearings.

Dr. Witt also announced that those persons having a medical emergency should connect with the 911 emergency system; this would connect the person with the Philadelphia Fire Department's paramedics and the Philadelphia police. Dr. Witt also announced that the hotel was in very close proximity to the emergency care unit of Thomas Jefferson University Hospital at 11th and Walnut Streets.

Welcome to Philadelphia

Sidney O. Krasnoff, MD, President of the Philadelphia County Medical Society, presented a brief welcoming speech to the House of Delegates.

Report of the President

Matthew Marshall, Jr., MD, Allegheny County, President, presented a report on many areas in which the Society has been active during his tenure as president. Dr. Marshall's report was referred to Reference Committee G; however, specific recommendations were referred to appropriate reference committees.

Specific recommendations include: PMS continue to develop and expand open-minded communications with consumer groups (referred to Reference Committee G); every member who, on behalf of the Medical Society, will interact with other groups become familiar with the principles of negotiations and that these principles be carefully followed (referred to Reference Committee G); ask our legislators to fight for a fair share of federal dollars for our Medicaid program (referred to Reference Committee E); continue to assign the Medicaid problem a high priority (referred to Reference Committee E); PMS assign a high priority charge to its councils and the Medical Care Foundation to actively monitor the actions of the PSROs, state regulatory review bodies, and the Joint Commission on Accreditation of Hospitals (referred to Reference Committee C); the mandatory CME requirement for PMS membership be abandoned and PMS seek the repeal of the insurance department regulation making CME mandatory for malpractice insurance; however, we continue to clearly endorse the concept as an incentive for maintaining our skills and competence as physicians; further, PMS request the AMA to discourage the use of CME as a mandatory requirement for any programs (referred to Reference Committee B); all Society councils, commissions, and departments submit a work plan with their budget to the Board so that the Board can continue to clearly assure the House that we are spending enough time for high priority goals and not spending more than is beneficial to achieve goals of lesser importance (referred to Reference Committee G); the Society consider allowing longer tenure for trustees and council and commission members (referred to Reference Committee A); and adoption of the amendment implementing uniform membership (referred to Reference Committee A).

Introduction of the President Elect of the AMA

Dr. Witt introduced Dr. Daniel T. Cloud, President Elect of the AMA, who delivered remarks to the House of Delegates.

Distinguished Guests

The following distinguished guests were presented to the House: Mr. Albert W. Speth, Chairman of the Hospital Association of Pennsylvania; Richard T. Englehart, R.Ph., President of the Pennsylvania Pharmaceutical Association; Mrs. Bricy K. Wendell, CMA-A, President of the Pennsylvania Society, American Association of Medical Assistants; Vincent J. Fiocco, Jr., MD, President of the Medical and Chirurgical Faculty of Maryland; and Augustus L. Baker, Jr., MD, President of the Medical Society of New Jersey.

Report of AMA Delegation

As required by the resolved portion of Resolution 71-1, AMA Delegation Report and Plans, the House received a brief report from John B. Lovette, MD, Johnstown, Chairman of the Pennsylvania Delegation:

"Mr. Speaker, members of the House of Delegates:
"In your *Official Reports Book* under Section G, you will see the complete report of the activities of the Pennsylvania Delegation to the AMA. I would like, at this time, to add my personal comments about the accomplishments of the 22-member contingent who speaks for all of you at the national level.

"Pennsylvania representation at the annual and clinical meetings of the AMA continues to grow. With the official delegation, student, resident, and specialty representatives, we had nearly 50 people contributing to our caucus discussions. There are even a few additional delegates who are no longer Pennsylvania residents, but who still request permission to return and take part in Pennsylvania's discussion. I would like to think that their requests are based on the fact that our discussions give them a deeper understanding of the issues before the AMA House of Delegates, rather than the fact that Pennsylvania usually serves a pretty good breakfast.

"Pennsylvania's representation at the national level continues to be prominent. This year Bill Rial was re-elected as Speaker of the House; Betty Cottle was re-elected to the AMA's Council on Constitution and Bylaws; Jim Snow was re-elected to the AMA's Council on Scientific Affairs; as well as several other Pennsylvania physicians being appointed to AMA councils and committees.

"I would like at this time to mention one additional political note. In a joint statement, the Pennsylvania Delegation to the AMA and the PMS Board have announced their unanimous support for William Y. Rial as he seeks organized medicine's highest elective office. Bill plans to be a candidate for the office of president elect of the AMA at next year's annual meeting in June. I cannot think of a finer contribution from Pennsylvania to the AMA than leadership from one of our most dedicated members.

"One of the main issues at this past AMA meeting was the adoption of the updated version of the AMA Code of Ethics. The support that this House gave to the revised version of the AMA Code of Ethics was a great aid to our Delegation as we unanimously urged its approval at the last meeting. Our arguments were strong and concise because we knew exactly where our House stood on this issue.

"Last year, as I stood before you, I urged the increased promotion of AMA membership. I am again urging each and every one of you to promote AMA membership whenever possible. Our ranks must continue to grow. Encourage your colleagues to join the AMA and to become active in all levels of organized medicine. Only through a united front can we guide the direction of national issues which affect each one of you."

Report, Pennsylvania Medical Political Action Committee

J. Preston Hoyle, MD, Union County, Chairman of the PaMPAC Board of Directors, presented an informational report.

Address of the President Elect

Leroy A. Gehris, MD, Berks County, President Elect, presented a report on his plans for the upcoming year. Dr. Gehris' address was referred to Reference Committee G; however, specific recommendations were referred to appropriate reference committees.

Specific recommendations include: we review the portion of our dues which we earmark for the Educational and Scientific Trust to see that it is adequate to meet the needs of students (referred to Reference Committee G); PMS increase its allocation of resources and its efforts to educate our members on the importance of PaMPAC (referred to Reference Committee D); every county society, specialty society, and auxiliary book the new PaMPAC slide show for one of their meetings (referred to Reference Committee D); the Society emphasize in its member communications the ways through which members can begin to help improve the profession's public image (referred to Reference Committee F); the energy and potential of the Auxiliary be considered in any plan to improve the physicians' public image (referred to Reference Committee F); we develop means of simplifying and streamlining the intake of new members (referred to Reference Committee F); instruct the planners of the Society to investigate ways in which we use the considerable resources of PMS, its members and the Auxiliary to promote physical fitness in Pennsylvania (referred to Reference Committee G); PMS provide leadership in showing us how we can adapt our practices to compete with new health care delivery systems such as HMOs (referred to Reference Committee B); PMS provide leadership in teaching us new management and administrative skills (referred to Reference Committee B); and the Board's Planning Committee examine the health issues facing the senior citizens of our state and recommend initiatives that the Society can take to demonstrate our concern for their well-being and the quality of their lives (referred to Reference Committee G).

Introductions

Donald E. Harrop, MD, Chester County, Vice Speaker of the House, introduced the PMS Past Presidents.

Pennsylvania Medical Care Foundation Announcement

The following announcement was made by the Vice Speaker with regard to the Pennsylvania Medical Care Foundation:

"As you know, according to the Bylaws of the Medical Care Foundation, members of the PMS House of Delegates are also the administrative members of the Pennsylvania Medical Care Foundation. The 1980 Annual Report of the Board of Directors of the Pennsylvania Medical Care Foundation has been previously mailed to you with your *Official Reports Book* materials and is referred to Reference Committee C. The annual meeting of the Foundation will be held during tomorrow's session following the report of Reference Committee C."

Dr. Harrop then recognized Dr. Joseph N. Demko, President of the Pennsylvania Medical Care Foundation, who delivered brief remarks.

Report, Pennsylvania Medical Society Liability Insurance Company

David S. Masland, MD, Cumberland County, Chairman of the Board of PMSLIC, presented a brief report to the House. The annual report of PMSLIC was referred to Reference Committee E.

Address, President of PMS Auxiliary

Mrs. Frank R. Kinsey, President, Pennsylvania Medical Society Auxiliary, addressed the House and reported on the activities of the Auxiliary. Her remarks were referred to Reference Committee F.

Remarks, President of AMA Auxiliary

Mrs. John F. Vaughan, President of the American Medical Association Auxiliary, addressed the House. Her remarks were received for information.

Special Budget Report

Kenneth L. Cooper, MD, Lycoming County, Chairman of the Finance Committee of the Board of Trustees, presented the special report. Dr. Cooper's report was accompanied by a slide presentation.

Recognition of Mr. Alex H. Stewart

Mr. John F. Rineman, Executive Vice President of PMS, recognized Mr. Alex H. Stewart, Executive Director of the Educational and Scientific Trust. Mr. Rineman reported that this would be Mr. Stewart's last annual meeting; he will be retiring in May of 1981 after serving the PMS for 43 years.

Official Reports Book

The *Official Reports Book*, containing the 1980 annual reports and Resolutions 80-1 through 80-30, was accepted as business of the House.

Late Resolutions - Resolutions 80-31 through 80-57 were received subsequent to the mailing of the *Official Reports Book* and required a two-thirds vote to become business of the House. The House accepted these resolutions.

Resolution 80-58 was received after the House convened and required a three-quarters vote to become business of the House. The House accepted this resolution.

Please refer to the index of these proceedings for the subject, author, introducer, and referral of all resolutions.

Reference Committees

Reference committees for the 1980 annual meeting of the House of Delegates are listed below:

Reference Committee A: *John Y. Templeton, III (Philadelphia), Chairman; *Norman A. Goldstein (Chester); *Wayne W. Helmick (Beaver); *Robert M. Jaeger (Lehigh); *Ralph J. Stalter (Allegheny); and Frank J. Tornetta (Montgomery), alternate.

Reference Committee B: *Thomas J. Kardish (Bucks), Chairman; *Joseph V. Caliguiri (Allegheny); *Ronald Krablin (Adams); *Robert N. Moyers (Crawford); *Raineldo C. Saquin (McKean); and Martin A. Murcek (Allergy), alternate.

Reference Committee C: *David L. Miller (Clarion), Chairman; *Donald C. Brown (Westmoreland); *Arthur J. Patterson (Greene); *Edward J. Resnick (Philadelphia); *Jane A. M. Strickler (Centre); and Randy L. Kochel (AMSA - Penn State), alternate.

Reference Committee D: *Robert W. Ford (Allegheny), Chairman; *Joseph F. Alcaro (Adams); *Thomas R. Downey (Bradford); *J. Preston Hoyle (Union); *Donald E. Parlee (Bucks); and Richard J. Greco (AMSA - Thomas Jefferson University), alternate.

Reference Committee E: *James R. Hamsher (Crawford), Chairman; *Leopold S. Loewenberg (Ob/Gyn); *Thomas H. Malin (Dauphin); *Joseph T. Marconis (Schuylkill); *Bernard B. Zamos-tien (Philadelphia); and Rogelio E. Vega (Armstrong), alternate.

Reference Committee F: *David R. Brill (Nuclear Medicine), Chairman; *Betty L. Cottle (Blair); *John J. Maron (Montgomery); and *J. Campbell Martin (Columbia).

Reference Committee G: *J. Scott Hommer, Jr. (Family Prac-tice), Chairman; *Dennis M. Krivinko (Resident Physician Sec-tion); *Edward J. Notari (Lackawanna); *John S. Parker (West-moreland); *Jonathan E. Rhoads, Jr. (Philadelphia); and Robert G. Heisey (Lebanon), alternate.

Rules: *R. Robert Tyson, (Philadelphia), Chairman; *Stephen I. Dodd (Mifflin-Juniata); *Victor F. Greco (Luzerne); *Irvin G. Shaf-fer (Berks); *John P. Whiteley (York); and Joseph B. Blood, Jr. (Bradford), alternate.

Credentials: William A. Shaver (Lebanon), Chairman; Gertrude Blumenschein (Fayette); Joseph H. Carter (Erie); S. Victor King (Blair); and Robert A. Schein (Allegheny).

Tellers: Robert B. Stuart (Erie), Chief Teller; Lester A. Dunmire (Allegheny); James W. Esler, Jr. (Lehigh); Paul S. Friedman (Philadelphia); John P. Manges (Franklin); David L. Miller (Clar-ion); William F. Pfeifer, III (Westmoreland); and Joseph A. Zec-cardi (Emergency Medicine).

*Indicates those members who signed the report.

Additional Reports

The following reports were received subsequent to the mailing of the *Official Reports Book*. They are: Report B of the Council on Legislation; Annual Report of Pennsylvania Blue Shield; Report F

of the Council on Member Services; Annual Report of the Advi-sory Committee on Professionalism; Annual Report of the Edu-cational and Scientific Trust; Report K of the Board of Trustees; Report L of the Board of Trustees; Report M of the Board of Trustees; Report N of the Board of Trustees; and Report O of the Board of Trustees. Please refer to the index of these proceedings for the reference committee referral.

Re-Referral of Reports and Resolutions

Dr. Witt announced that the following reports and resolutions have been re-referred: Resolution 80-19 — re-referred from Ref-erence Committee C to Reference Committee G; Resolution 80-26 — re-referred from Reference Committee E to Reference Committee D; Resolution 80-27 — re-referred from Reference Committee E to Reference Committee D; Report J of the Board of Trustees — re-referred from Reference Committee E to Refer-ence Committee D; and Recommendation 8 of the President-Elect — re-referred from Reference Committee G to Reference Committee B.

Recess

The House of Delegates was recessed at 12:25 p.m. until 1:00 p.m., Saturday, November 1.

Second Session of the House November 1, 1980

The second session of the House of Delegates was called to order at 1:12 p.m. in the International Ballroom of the Fairmont Hotel, Philadelphia.

Committee on Credentials

William A. Shaver, MD, Lebanon County, Chairman of the Committee on Credentials, presented the following report:

"Mr. Speaker, there is a quorum of 248 delegates registered and in attendance today."

Reference Committee A

Presented by: John Y. Templeton, III, MD

Mr. Speaker, members of the House of Delegates:
REPORT A, SUBJECT ONE, COMMITTEE ON CONSTITUTION AND BYLAWS: REVISION OF CONSTITUTION AND BYLAWS
Your reference committee heard testimony only in favor of the general revision of the Constitution and Bylaws. There was, how-ever, some debate on the issue of whether the Speaker and the Vice Speaker of the House of Delegates should be voting mem-bers of the Board of Trustees. So that the issue of the general revision may be addressed separately:

Mr. Speaker, your reference committee recommends that the revision of the Constitution and Bylaws in their entirety be adopted, except that the provision on giving the Speaker and Vice Speaker on the Board of Trustees a vote be deferred.

The House adopted the revision of the Constitution and Bylaws in their entirety, except that the provision on giving the Speaker and Vice Speaker on the Board of Trustees a vote was deferred.

REPORT A, SUBJECT ONE, COMMITTEE ON CONSTITUTION AND BYLAWS: SPEAKER AND VICE SPEAKER AS VOTING MEMBERS OF THE BOARD

Your reference committee heard discussion both pro and con on the issue of the Speaker and the Vice Speaker having a vote on the Board of Trustees. The discussion in general favored allowing the Speaker and Vice Speaker to have a vote.

Mr. Speaker, your reference committee recommends adoption of that portion of Chapter XV, Section 3 of the proposed revi-sion which gives the Speaker and the Vice Speaker a vote on the Board of Trustees.

The House adopted that portion of Chapter XV, Section 3 of the

ew bylaws which gives the Speaker and the Vice Speaker each a
ote on the Board of Trustees.

REPORT A, SUBJECT TWO, COMMITTEE ON CONSTITUTION
AND BYLAWS: RESOLUTION 80-3, LOCATION OF THE ANNUAL
MEETINGS OF THE PMS HOUSE OF DELEGATES

*RESOLVED, That the PMS House of Delegates meeting be held
in the Harrisburg area each and every year, beginning as soon as
arrangements allow.*

Your reference committee heard considerable testimony in sup-
port of Resolution 80-3 which mandates that the annual meeting
be held in the Harrisburg area. Your committee believes that the
intent of Resolution 80-3 can best be accomplished by amending
the proposed language as contained under Subject Two of Re-
port A of the Committee on Constitution and Bylaws on page 2 of
the Official Call.

*Mr. Speaker, your reference committee recommends adoption
of the language contained in Subject Two of the Report of the
Committee on Constitution and Bylaws revised to read as fol-
lows: "Designation. There shall be an annual meeting of the
House of Delegates which shall convene at a place in the
Harrisburg area at such site and at such time as determined by
the Board of Trustees. The Board of Trustees may cancel or
change the date or place of the meeting in case of strikes,
governmental regulations, catastrophes or other reasons be-
yond the control of the Society."*

The House approved the amendment from the floor of the House
to delete, "... at a place in the Harrisburg area ...". The House
adopted the language as presented in Subject Two of the Official
Call as revised.

REPORT A, SUBJECT THREE, COMMITTEE ON CONSTITUTION
AND BYLAWS

REPORT C, COUNCIL ON MEMBER SERVICES

REPORT OF PRESIDENT, PMS, RECOMMENDATION 9: UNIFIED
MEMBERSHIP

There was much discussion on the issue of unified membership.
Although the concept of unified membership was vigorously de-
fended, most of the discussion was in opposition.

*Mr. Speaker, your reference committee recommends rejection
of Report A, Subject Three of the Committee on Constitution
and Bylaws, Report C of the Council on Member Services and
Recommendation 9 of the Report of the President, all of which
favor unified membership.*

The House rejected Report A, Subject Three of the Committee on
Constitution and Bylaws, Report C of the Council on Member
Services and Recommendation 9 of the Report of the President,
all of which favored unified membership.

SPECIAL NOTE: SINCE SUBJECT ONE WAS ADOPTED BY THE
HOUSE OF DELEGATES, SUBJECTS FOUR, FIVE, SIX, SEVEN,
AND EIGHT NEED NOT BE CONSIDERED BY THE HOUSE.

RESOLUTION 80-1, REMEDY FOR THE UNBALANCED PATTERN
OF EXPIRING TERMS OF DISTRICTS' TRUSTEES

*RESOLVED, That no more than four trustees' terms should
expire in any year; and be it further*

*RESOLVED, That it is desirable to achieve and maintain this
4-4-4 pattern; and be it further*

*RESOLVED, That a lottery be drawn before the final session of
this annual meeting by the trustees from districts whose terms
expire in 1981 to determine which district will be represented by a
trustee serving a two-year term expiring in 1983; and be it further*

*RESOLVED, That a lottery be drawn before the final session of
this annual meeting by the trustees from districts whose terms
expire in 1982 to determine which district will be represented by a
trustee serving a one-year term expiring in 1983; and be it further*

*RESOLVED, That the results of these lotteries be announced at
the final session of this annual meeting by the speaker of this
House of Delegates; and be it further*

*RESOLVED, That this remedy shall establish a balanced pat-
tern of expiration of terms of trustees for each district.*

Your reference committee heard little discussion on the issue of
remedying the present unbalanced pattern of expiring terms.
Your reference committee believes that Resolution 80-1 is an
equitable resolution of the problem.

*Mr. Speaker, your reference committee recommends adoption
of Resolution 80-1.*

The House adopted Resolution 80-1.

RESOLUTION 80-25, VOTING REPRESENTATION ON THE
BOARD OF TRUSTEES FOR SPECIALTIES

*RESOLVED, That the chairman of the Interspecialty Committee
of the Pennsylvania Medical Society or a designated representa-
tive become a voting member of the Board of Trustees of the
Pennsylvania Medical Society.*

Much of the discussion of Resolution 80-25 was favorable, pro-
vided that election of the specialty member of the Board of Trust-
ees be by the House of Delegates.

*Mr. Speaker, your reference committee recommends that a
member of the Interspecialty Committee be elected annually by
the House of Delegates to be a voting member of the Board of
Trustees with the source of nominations being members of the
Interspecialty Committee.*

The House approved the recommendation which requires the
Committee on Bylaws to draft appropriate language for the
bylaws to be presented to the 1981 House of Delegates.

RESOLUTION 80-40, PRESIDENTIAL RECEPTION TO REPLACE
STATE DINNER

*RESOLVED, That the President be installed during the appro-
priate session of the annual meeting of the House of Delegates;
and be it further*

*RESOLVED, That a Presidential Reception replace the State
Dinner to honor the newly installed President providing that the
site of the annual meeting has ample alternative and attractive
eating establishments.*

Your reference committee heard considerable testimony in favor
of replacing the State Dinner with a presidential reception. Res-
olution 80-40, however, contains a caveat that the site of the
annual meeting must have ample and attractive eating establish-
ments before the reception will replace a State Dinner.

*Mr. Speaker, your reference committee recommends that Res-
olution 80-40 be revised by deleting from the second resolved
the words "providing that the site of the annual meeting has
ample alternative and attractive eating establishments" and, as
revised, adopted.*

The House rejected Resolution 80-40.

REPORT OF THE PRESIDENT, RECOMMENDATION 8

Your reference committee heard little support for Recommen-
dation 8 of the Report of the President that the terms of the
trustees, councils, and commissions be extended. The terms of
the trustees were only recently modified.

*Mr. Speaker, your reference committee recommends rejection
of Recommendation 8.*

The House rejected Recommendation 8.

REPORT I, BOARD OF TRUSTEES

Report I of the Board of Trustees asks the House of Delegates for
its reaction to having physician representation from HAP at the
PMS House of Delegates. The bulk of the testimony offered was in
favor.

Mr. Speaker, your reference committee recommends that the Hospital Association of Pennsylvania have a physician delegate with power to vote at the Pennsylvania Medical Society's House of Delegates. That delegate must be an active member of the Pennsylvania Medical Society.

The House approved the Recommendation in Report I, which requires the Committee on Bylaws to draft appropriate language for the Bylaws to be presented to the 1981 House of Delegates.

REFERENCE COMMITTEE A, COMMITTEE ON CONSTITUTION AND BYLAWS

Your reference committee heard little discussion on whether an automatic review mechanism for PMS policies adopted by the House of Delegates is needed. The committee feels that this review is an administrative responsibility.

Mr. Speaker, your reference committee recommends that that portion of Report A of the Committee on Constitution and Bylaws discussing a policy review mechanism be filed.

The House filed the portion of Report A of the Committee on Constitution and Bylaws discussing a policy review mechanism.

Speaker's Announcements

Donald E. Harrop, MD, Vice Speaker, reported that there was no representation in the House of Delegates from Bedford, Clearfield, Potter, Susquehanna, Wayne-Pike, and Wyoming counties.

Dr. Harrop noted that Article VI, Section 3 of the Constitution states that: "If any component society is without any duly accredited voting member of the House of Delegates at any session thereof, then the Active, Senior Active, Associate, Intern or Resident member or members registered in attendance in the component society may select himself or one delegate from their number, as the case may be, who shall be the representative of that component society and shall serve in the place of an accredited delegate."

Distinguished Guests

The following distinguished guests were presented to the House at various times during the session: John B. Markey, MD, President-Elect, West Virginia State Medical Association; G. Rehmi Denton, MD, President, Medical Society of the State of New York; Robert W. Frelick, MD, President-Elect, Medical Society of Delaware; and David B. Fawcett, Jr., Esq., President, Pennsylvania Bar Association.

Dr. Harrop then called on Mr. John Rineman, who recognized Mr. Robert Rinehimer, retiring President of Pennsylvania Blue Shield and cited his years of service.

Reference Committee G

Presented by: J. Scott Hommer, Jr., MD

Mr. Speaker, members of the House of Delegates:

The following items have been grouped together in a waiver of debate list; in each case, little or no testimony was heard and the committee feels that the items were of a noncontroversial nature.

Report L, Board of Trustees: Society's Planning Process (file)

Report A, Treasurer (file)

Report A, Accountant (file)

Report A, Secretary (file)

Annual Report of the Educational and Scientific Trust (file)

Report A, Committee on Medical Benevolence (file)

Individual Reports of Trustees (file)

Mr. Speaker, your reference committee recommends that the above items be filed.

The House approved filing the waiver of debate items.

REPORT A, EXECUTIVE VICE PRESIDENT

Your reference committee wishes to thank Mr. Rineman for his complete and informative report.

Mr. Speaker, your reference committee recommends that Report A of the Executive Vice President be filed.

The House approved filing Report A of the Executive Vice President.

REPORT A, BOARD OF TRUSTEES

Most of the material contained in Report A of the Board of Trustees was informational. One recommendation was presented concerning the Committee on Quackery. No testimony was presented in opposition to the recommendation of the Board of Trustees.

Mr. Speaker, your reference committee recommends that the recommendation of the Board of Trustees as contained in Report A, that the Committee on Quackery be eliminated and its responsibility be transferred to a designated council of the Society, be approved.

The House approved the recommendation in Report A.

Mr. Speaker, your reference committee recommends that the remainder of Report A of the Board of Trustees be filed.

The House approved filing the remainder of Report A.

REPORT A, COMMITTEE ON AID TO EDUCATION

The report of the Committee on Aid to Education contained two recommendations regarding continuation of the Society's support for the educational fund. Considerable testimony was presented in favor of continuation of such support.

Mr. Speaker, your reference committee recommends that the recommendation calling for at least ten dollars to be allocated from the 1981 annual assessment to continue the medical student loan as contained in Report A of the Committee on Aid to Education be approved.

The House approved the recommendation in Report A.

Your reference committee also heard testimony supporting increased support of the medical loan program by individual members of the Society.

Mr. Speaker, your reference committee recommends that each member of the Society be encouraged to further support the medical student loan program by making individual tax deductible contributions to the educational fund of the Educational and Scientific Trust.

The House approved the recommendation.

Mr. Speaker, your reference committee recommends that the remainder of Report A of the Committee on Aid to Education be filed.

The House approved filing the remainder of Report A.

REPORT A, PENNSYLVANIA DELEGATION TO THE AMA

Your reference committee notes with pride the recognition of Jonathan E. Rhoads, MD (Philadelphia) who received the Sheen Award and Kathleen Fletcher (New Castle) who received the Scouting Award of the American Medical Association.

Mr. Speaker, your reference committee recommends that Report A of the Pennsylvania Delegation to the AMA be filed.

The House approved filing Report A.

REPORT B, PENNSYLVANIA DELEGATION TO THE AMA

Testimony presented was mixed on the issue of development of a personalized report of delegation activities to be disseminated to the membership. While there was expressed merit in the proposal, it was felt that a more cost effective means might be pursued that would be less duplicative in nature. Heavily weighing on the discussion was the fact that the financial note included with the recommendation was felt to be underestimated.

Mr. Speaker, your reference committee recommends the Board of Trustees, in consultation with the Pennsylvania Delegation to the AMA, investigate the most cost effective and least cumbersome means of communicating the activities of the Delegation to the membership of the Society.

he House approved the recommendation.

Mr. Speaker, your reference committee recommends that the remainder of Report B of the Pennsylvania Delegation to the AMA be filed.

The House approved filing the remainder of Report B.

REPORT C, PENNSYLVANIA DELEGATION TO THE AMA

All testimony favored additional financial support to enable the Society to send a second student delegate representative to meetings of the American Medical Association.

Mr. Speaker, your reference committee recommends that the recommendation to make provision for the funding of a second student representative to the annual and interim meetings of the AMA, as contained in Report C of the Pennsylvania Delegation to the AMA, be approved.

The House approved the recommendation in Report C.

Mr. Speaker, your reference committee recommends that the remainder of Report C of the Pennsylvania Delegation to the AMA be filed.

The House approved filing the remainder of Report C.

REPORT A, ADVISORY COMMITTEE ON PROFESSIONALISM

Your reference committee reviewed in depth the actions of the Advisory Committee on Professionalism as reported. Establishment of guidelines for such a mechanism of review of physicians by physicians will do much to address the public's concern regarding the professional conduct of physicians.

Mr. Speaker, your reference committee recommends that Report A of the Advisory Committee on Professionalism be filed.

The House approved filing Report A.

RESOLUTION 80-19: DIRECTOR OF PSYCHIATRIC SERVICES IN GENERAL HOSPITALS

RESOLVED, That the Pennsylvania Medical Society adopt a policy of support for the principle that a physician trained in the specialty of psychiatry be the director of the psychiatric department/service of any hospital providing such services; and be it further

RESOLVED, That such a policy be conveyed to the Joint Commission on Accreditation of Hospitals for consideration as an incorporated standard; and be it further

RESOLVED, That the Pennsylvania Delegation to the American Medical Association be instructed to introduce this matter for consideration at the next AMA business meeting.

RESOLUTION 80-36: PHYSICIAN STAFFING OF STATE HOSPITALS

RESOLVED, That the Pennsylvania Medical Society advocate increases in the salary levels of physicians working in the state's general and mental hospitals to make them competitive with those of other states and of other programs within the state.

RESOLUTION 80-37: PHYSICIAN DIRECTOR OF PSYCHIATRIC TREATMENT TEAM

RESOLVED, That the Pennsylvania Medical Society seek to amend Act 143 (Mental Health Procedures Act) to require that a physician be the head of the psychiatric treatment team and have the responsibility for decisions involving the medically necessary treatment based on an individualized treatment plan.

RESOLUTION 80-38: PHYSICIAN NON-PHYSICIAN RELATIONSHIPS

RESOLVED, That the Pennsylvania Medical Society re-emphasize the policy statement on physician-nonphysician relationships, and be it further

RESOLVED, That the policy statement be broadly circulated; and be it further

RESOLVED, That the Department of Public Welfare and other state agencies be actively lobbied to incorporate this policy in all regulations relating to the provision of medical and mental health

services for programs under their jurisdiction.

RESOLUTION 80-39: PHYSICIAN RESPONSIBILITY FOR PSYCHIATRIC TREATMENT

RESOLVED, That the Pennsylvania Medical Society support the principle that all patients entering the mental health system (both public and private) be evaluated as soon as practical by a physician trained in the specialty of psychiatry; and be it further

RESOLVED, That such evaluation by a physician be used in the development of a diagnosis and of an individualized plan for the treatment of the patient; and be it further

RESOLVED That the Pennsylvania Medical Society take such action as is necessary to advocate these principles.

Your reference committee next considered a series of five resolutions submitted on behalf of the Pennsylvania Psychiatric Society expressing its concern over the quantity and quality of physician involvement in the care of patients suffering from mental illness.

Your reference committee and the preponderance of testimony by those present was in agreement with the Psychiatric Society's concerns. It was indicated that some of the resolves were part of existing Medical Society policy and required implementation while others raised potential legal problems related to possible anti-trust difficulties. Two of the resolutions, Resolution 80-19 and 80-36, did not appear to present a potential for legal difficulty.

Mr. Speaker, your reference committee recommends that Resolution 80-19 be adopted.

The House adopted Resolution 80-19.

Mr. Speaker, your reference committee recommends that Resolution 80-36 be adopted.

The House adopted Resolution 80-36.

Mr. Speaker, your reference committee in support of the concerns of the Pennsylvania Psychiatric Society recommends that Resolutions 80-37, 80-38, and 80-39 be referred to the Board of Trustees for implementation where already established policy exists and to review and develop alternative resolves on issues with possible legal ramifications.

The House rejected the recommendation to refer. The House adopted Resolutions 80-37, 80-38, and 80-39.

RESOLUTION 80-33: PROCEDURES TO BE FOLLOWED BY CANDIDATES SEEKING ELECTED POSITIONS IN THIS SOCIETY

RESOLVED, That a concise summary of each candidate be produced, citing practice location and type; age; educational background; positions held in county, specialty, and state medical societies; and years of service in present elected position if an incumbent. This information shall be published in the Official Reports Book; and be it further

RESOLVED, That a letter of intent or endorsement may be sent from the sponsoring county or specialty society or councilor district at times deemed appropriate by those organizations; and be it further

RESOLVED, That personal visitations by candidates to district caucuses as well as county or specialty society hospitality rooms or suites are permissible; and be it further

RESOLVED, That campaign materials such as pins, brochures, stickers, etc., as well as organized society events promoting the candidates, shall be considered inappropriate; and be it further

RESOLVED, That the Speaker designate in the Official Reports Book those positions for which nominating and seconding speeches are permissible.

The reference committee received no testimony in opposition to the resolution as presented. The reference committee felt that the guidelines suggested in the resolves provided a sensible approach to determining qualifications of candidates for any and all elected offices in the Society.

Mr. Speaker, your reference committee recommends Resolution 80-33 be adopted.

The House adopted Resolution 80-33.

RESOLUTION 80-54: CONSTITUTIONAL CHANGE OF OFFICE OF PMS PRESIDENT AND VICE PRESIDENT OF PMS

RESOLVED, That the term of President and Vice President of PMS be set at a 2 year term, such elections to be held every odd numbered year; and be it further

RESOLVED, That the office of the President Elect be held every even numbered year; and be it further

RESOLVED, That the President, Vice President and President Elect of the PMS be reimbursed during their term of office as determined by the Board of Trustees.

Extensive testimony was presented on this issue. The preponderance of testimony reflected no need for change in the progression to the office of president of the Society. Further review of this issue is likely in the activities of the Society's Committee on Planning.

Mr. Speaker, your reference committee recommends that Resolution 80-54 be rejected.

The House rejected Resolution 80-54.

During the testimony presented on Resolution 80-54, the reference committee became aware that the current stipend for the Society's president and president-elect has not been increased since 1962 and therefore has not kept pace with inflation.

Mr. Speaker, your reference committee recommends that the stipends for the Society's president and president-elect be reviewed by the appropriate body of the Society.

The House approved the recommendation.

ADDRESS OF THE PRESIDENT-ELECT, LEROY A. GEHRIS, MD

Your reference committee considered a recommendation suggesting a review of the portion of member dues allocated for the Educational and Scientific Trust to determine its adequacy to meet the needs of the students. Favorable consideration of this recommendation would be in compliance with the actions recommended by the Committee on Aid to Education.

Mr. Speaker, your reference committee recommends that Recommendation 1 contained in the report of the President-Elect be approved.

The House approved Recommendation 1.

Your reference committee considered a recommendation calling for an investigation of ways in which the Society, its members, and the auxiliary could support physical fitness in Pennsylvania.

Mr. Speaker, your reference committee recommends that Recommendation 7 contained in the report of the President-Elect be approved.

The House approved Recommendation 7.

Mr. Speaker, your reference committee considered a recommendation calling for the examination of health issues facing the senior citizens in our state.

Mr. Speaker, your reference committee recommends that Recommendation 10 contained in the report of the President-Elect be approved.

The House approved Recommendation 10.

Dr. Gehris is to be commended for his insights, goals, and objectives as set forth in his address.

The House commended Dr. Gehris.

Mr. Speaker, your reference committee recommends that the remaining portions of Dr. Gehris' address referred to Reference Committee G be filed.

The House approved filing the remaining portions of Dr. Gehris' address referred to Reference Committee G.

REPORT OF THE PRESIDENT, MATTHEW MARSHALL, JR., MD

Your reference committee considered a recommendation calling for open minded communications with consumer groups.

Mr. Speaker, your reference committee recommends that Recommendation 1 contained in the report of the President be approved.

The House approved Recommendation 1.

Your reference committee considered a recommendation suggesting that every member representing the Society become familiar with and apply the principles of negotiations.

Mr. Speaker, your reference committee recommends that Recommendation 2 as contained in the report of the President be approved.

The House approved Recommendation 2.

Your reference committee considered a recommendation calling for the development of work plans with budgets by all Society councils, commissions, and departments. Testimony by the Executive Vice President, Mr. Rineman, indicated that these recommendations would not cause undue paperwork which has been a concern of Dr. Marshall's.

Mr. Speaker, your reference committee recommends that Recommendation 7 contained in the report of the President be approved.

The House approved Recommendation 7.

Your reference committee wishes to commend Dr. Marshall for the depth and thought and clarity in presentation of his report and for his unselfish dedicated efforts on behalf of the Society during his long terms of service.

Mr. Speaker, your reference committee recommends that the remainder of the Report of the President be filed.

The House approved filing the remainder of the Report of the President.

Reference Committee F

Presented by: David R. Brill, MD

Mr. Speaker, members of the House of Delegates:

The following items have been grouped together in a waiver of debate list; in each case, little or no testimony was heard and the committee feels the items are of a noncontroversial nature.

Report A, Council on Member Services: Annual Report of the Council's Activities (file)

Report A, Resident Physician Section: Annual Report of the Resident Physician Section (file)

Report A, Advisory Committee to the Auxiliary: Annual Report of the Committee (file)

Report F, Council on Member Services: Update on Recruitment Activities (file)

Report of the President, PMS Auxiliary (file)

The Council's annual report was informational. The reference committee commends the Council and its staff for its efforts to increase PMS and AMA memberships as well as improving and consolidating member services and benefits.

The reference committee praises Mrs. Kinsey for her year of outstanding leadership of the Auxiliary and for her remarks to the House. The reference committee extends its appreciation to the entire Auxiliary for its support of organized medicine.

Mr. Speaker, Reference Committee F recommends that the above items be filed.

The House approved filing the waiver of debate items.

REPORT B, COUNCIL ON MEMBER SERVICES: PMS OPPOSITION TO AMA DIRECT BILLING (RESOLUTION 79-31)

The situation which prompted Resolution 79-31, PMS Opposition to AMA Direct Billing, has been addressed and the problem is being resolved. There was no testimony heard on the subject by this reference committee.

Mr. Speaker, Reference Committee F recommends that Resolution 79-31 be filed.

The House approved filing Resolution 79-31.

REPORT D, COUNCIL ON MEMBER SERVICES: TRIAL PROGRAM OF DIRECT MEMBERSHIP RECRUITMENT AND ADMISSION BY PMS

REPORT N, BOARD OF TRUSTEES: SUPPORT OF TRIAL PROGRAM OF DIRECT MEMBERSHIP RECRUITMENT

The two index items deal with the trial program of direct membership recruitment and the reference committee considered them as one. A good deal of testimony both pro and con was heard by the committee.

Adverse testimony included loss of control of membership by county and membership by default. On the pro side it was stated that the program is a voluntary one and will be implemented on a two year trial basis. It is a positive response by the Council on Member Services to concerns raised by some component societies.

Mr. Speaker, Reference Committee F recommends approval of Report D, Council on Member Services, in lieu of Report N, Board of Trustees.

The House approved Report D of the Council on Member Services in lieu of Report N of the Board of Trustees.

RESOLUTION 80-6, STREAMLINING MEMBERSHIP APPLICATION REQUIREMENTS

RESOLVED, That each county medical society make an attempt to streamline its membership process to encourage new resident members.

REPORT OF THE PRESIDENT-ELECT, PMS, RECOMMENDATION 6: SIMPLIFYING AND STREAMLINING THE INTAKE OF NEW MEMBERS

The two items dealing with streamlining membership entrance requirements were considered as one. The reference committee heard no adverse testimony on this subject.

Mr. Speaker, Reference Committee F recommends approval of Recommendation 6 of the Address of the President-Elect in lieu of Resolution 80-6.

The House approved Recommendation 6 in lieu of Resolution 80-6.

REPORT E, COUNCIL ON MEMBER SERVICES: ESTABLISHMENT OF MEDICAL AND OSTEOPATHIC MEDICAL STUDENT MEMBERSHIP CATEGORY

REPORT O, BOARD OF TRUSTEES: SUPPORT OF STUDENT MEMBERSHIP CATEGORY

The reference committee heard no adverse testimony on the subject of a medical and osteopathic medical student membership category.

Mr. Speaker, Reference Committee F recommends approval of Report E, Council on Member Services, in lieu of Report O, Board of Trustees.

The House approved Report E of the Council on Member Services in lieu of Report O of the Board of Trustees.

RESOLUTION 80-5: GREATER INVOLVEMENT OF RESIDENTS IN COUNTY MEDICAL SOCIETIES

RESOLVED, That the Resident Physician Section of PMS call for greater involvement of residents in county medical societies, and further that county medical societies be encouraged to make county society membership more appealing.

The reference committee is sympathetic with the intent of Resolution 80-5, greater involvement of residents in county medical societies, but believes the resolve is not clearly stated. Therefore, the reference committee offers the following amended resolve:

RESOLVED, That county medical societies be urged to involve residents in county affairs and to inform them of the benefits available at the county level.

Mr. Speaker, Reference Committee F recommends adoption of the substitute Resolve.

The House adopted substitute Resolution 80-5.

RESOLUTION 80-10, LIFE MEMBERSHIP CATEGORY

RESOLVED, That the Committee on Constitution and Bylaws be instructed to prepare appropriate language for an amendment which would allow for a category of life membership.

There was considerable discussion in regard to Resolution 80-10 but your reference committee believes that a program of life membership needs further study before it receives consideration by the House of Delegates.

Mr. Speaker, Reference Committee F recommends that Resolution 80-10 be referred to the Board of Trustees for further study and report back to the 1981 House of Delegates.

The House referred Resolution 80-10 to the Board of Trustees for further study and report back to the 1981 House of Delegates.

ADDRESS OF THE PRESIDENT-ELECT, PMS, RECOMMENDATION 4: IMPROVING THE PROFESSION'S PUBLIC IMAGE

ADDRESS OF THE PRESIDENT-ELECT, PMS, RECOMMENDATION 5: USE OF THE AUXILIARY TO ASSIST IN IMPROVING THE PUBLIC IMAGE OF THE PHYSICIAN

These two items dealing with the physician's public image are similar in nature and were considered as one. The reference committee heard no testimony in opposition to the recommendations.

Mr. Speaker, Reference Committee F recommends approval of Recommendation 4 of the Address of the President-Elect.

The House approved Recommendation 4.

Mr. Speaker, Reference Committee F recommends approval of Recommendation 5 of the Address of the President-Elect.

The House approved Recommendation 5.

Nominations and Elections

Nominations and elections were held Saturday afternoon, November 1, 1980. Voting for those offices contested was held Sunday morning, November 2. The following are the new officers for 1980-81:

President: Leroy A. Gehris, MD (Berks) was installed as President.

President-Elect: Raymond C. Grandon, MD (Dauphin) acceded to the office of President-Elect.

Vice President: Michael P. Levis, MD (Allegheny).

Secretary: G. Winfield Yarnall, MD (Dauphin).

Speaker: D. Ernest Witt, MD (Columbia).

Vice Speaker: Donald E. Harrop, MD (Chester).

The following Trustees were elected:

Third District: Richard L. Huber, MD (Lackawanna).

Ninth District: Carol N. Maurer, MD (Venango).

One member was elected to serve on the Committee to Nominate Delegates and Alternates to the AMA: Samuel S. Faris, MD (Montgomery). Dr. Faris was elected to serve a full three-year term on the Committee.

Samuel F. Cohen, MD (Montgomery), was elected to serve on the PMS Judicial Council.

Dr. Harrop announced that the Bylaws now in effect provide for district censors to be elected by their respective component societies; therefore, it is no longer necessary for the House to elect district censors.

Report of the Committee to Nominate Delegates and Alternates to the AMA

The Vice Speaker announced the elections for delegates and alternates to the American Medical Association. The nominations of the Committee to Nominate Delegates and Alternates to the American Medical Association were published on pages 3, 4, and 5 of the *Official Reports Book*. Elected to two-year terms begin-

ning January 1, 1981 and expiring December 31, 1982 were: R. William Alexander, MD (Berks); James B. Donaldson, MD (Philadelphia); Raymond C. Grandon, MD (Dauphin); William J. Kelly, MD (Allegheny); Michael P. Levis, MD (Allegheny); and William Y. Rial, MD (Delaware).

Dr. Harrop next announced the election of one delegate to the American Medical Association for a one-year term expiring December 31, 1981. This is a result of the PMS receiving official notification from the AMA that it is entitled to a twelfth delegate. This delegate's term will coincide with the term of those AMA delegates elected at this session of the House. David J. Keck, MD (Erie) was elected for this one-year term.

Dr. Harrop then announced the nominations and elections of six alternate delegates to the AMA for two-year terms. He also announced that there were two vacancies for alternate delegates for one-year terms. Dr. Harrop asked the House if it wished to have one slate of nominees for this election, making the six nominees with the highest number of votes the two-year alternate delegates, and the seventh and eighth nominees with the next highest number of votes the one-year alternate delegates, or if it wished to nominate for the two alternate delegates for one-year terms in separate slots.

It was moved and seconded from the floor of the House to hold the nominations for the six alternate delegates for two-year terms now, hold the elections tomorrow morning at the usual voting time, and defer the election of the two alternate delegates for one-year terms until after the results of the six alternate delegates have been announced. The House rejected this motion.

It was moved and seconded from the floor of the House to vote for eight nominees, making the six with the highest number of votes the two-year alternate delegates and the seventh and eighth with the next highest number of votes the one-year alternate delegates. The House approved this motion.

Elected as the six alternate delegates to the AMA for two-year terms beginning January 1, 1981 and expiring December 31, 1982 were: Gerald L. Andriole, MD (Luzerne); Betty L. Cottle, MD (Blair); Joseph N. Demko, MD (Lackawanna); John L. Kelly, MD (Delaware); Jonathan E. Rhoads, Jr., MD (Philadelphia); and Irving Williams, MD (Union).

Elected as the two alternate delegates to the AMA for one-year terms beginning January 1, 1981 and expiring December 31, 1981 were: Donald C. Brown, MD (Westmoreland); and Charles A. Heisterkamp, III, MD (Lancaster).

Reference Committee C

Presented by: David L. Miller, MD

Mr. Speaker, members of the House of Delegates:
REPORT A, COUNCIL ON HEALTH PLANNING AND FACILITIES
There was no testimony on Report A of the Council.

Mr. Speaker, your reference committee recommends that Report A of the Council on Health Planning and Facilities be filed.
The House approved filing Report A.

REPORT B, COUNCIL ON HEALTH PLANNING AND FACILITIES
Testimony suggested that the establishment of a medical staff presidents' committee would be more effectively carried out at the local level.

Mr. Speaker, your reference committee recommends that county medical societies should be urged, where appropriate, to consider the establishment of a mechanism at the local level to involve medical staff presidents in the activities of organized medicine.

The House approved the recommendation.

Mr. Speaker, your reference committee recommends the approval of Report B of the Council on Health Planning and

Facilities in lieu of Resolution 79-47.

The House approved Report B in lieu of Resolution 79-47.

REPORT C, PMS BOARD OF TRUSTEES

There was no testimony on this report.

Mr. Speaker, your reference committee recommends approval of Report C of the Board of Trustees in lieu of Resolution 79-5.
The House approved Report C in lieu of Resolution 79-5.

REPORT H, PMS BOARD OF TRUSTEES

The reference committee was informed that this resolution has been implemented.

Mr. Speaker, your reference committee recommends that the House of Delegates approve of the Board of Trustees' action on Resolution 79-46 and its implementation by the Council on Health Planning and Facilities.

The House approved the Board of Trustees' action on Resolution 79-46 and its implementation by the Council on Health Planning and Facilities.

REPORT OF PMS PRESIDENT, RECOMMENDATION 5

Mr. Speaker, your reference committee recommends approval of Recommendation 5 contained in the Report of the President.
The House approved Recommendation 5.

RESOLUTION 80-7, CAT SCANNERS

RESOLVED, That the Pennsylvania Medical Society recommends that CAT scanning equipment should be readily available for patients; and be it further

RESOLVED, That the efforts by Health Service Agencies to block the acquisition of scanning equipment are deemed to be detrimental to the quality and cost effectiveness of health care; and be it further

RESOLVED, That the planning concerning placement of expensive facilities and equipment be made on the basis of local needs and resources, and with the cooperation of local practicing physicians; and be it further

RESOLVED, That a copy of this resolution be sent to each HSA in Pennsylvania, the State Health Planning and Development Agencies, the Secretary of Health, and the United States Department of Health and Human Services.

Testimony supported the intent of this resolution to make high quality, cost effective health care available by minimizing the inappropriate intervention of health planning agencies. The reference committee felt that the second line of the second resolve should be revised by substituting the words "may" for the phrase "are deemed to." As an editorial change, the word "Systems" should be substituted for the word "Service" in the first line of the second Resolve.

Mr. Speaker, your reference committee recommends the approval of the following substitute resolution:

RESOLVED, That the Pennsylvania Medical Society recommends that CAT scanning equipment should be readily available for patients; and be it further

RESOLVED, That the efforts by Health Systems Agencies to block the acquisition of scanning equipment may be detrimental to the quality and cost effectiveness of health care; and be it further

RESOLVED, That the planning concerning placement of expensive facilities and equipment be made on the basis of local needs and resources, and with the cooperation of local practicing physicians; and be it further

RESOLVED, That a copy of this resolution be sent to each HSA in Pennsylvania, the State Health Planning and Development Agencies, the Secretary of Health, and the United States Department of Health and Human Services.

The House adopted substitute Resolution 80-7.

RESOLUTION 80-20, STUDY THE IMPACT OF PUBLIC LAW 93-641, NATIONAL HEALTH PLANNING AND RESOURCES DEVELOPMENT ACT

RESOLVED, That the Pennsylvania Medical Society study the impact of Public Law 93-641, National Health Planning and Resources Development Act, on the availability and quality of care in Pennsylvania and report its findings to the physicians in Pennsylvania.

Testimony recognizes the lack of any significant research on the impact and cost effectiveness of Public Law 93-641. However, it was pointed out that a comprehensive study would be expensive and should be conducted by an independent agency to avoid any accusation of conflict of interest.

Mr. Speaker, your reference committee recommends that the Pennsylvania Delegation to the American Medical Association be instructed to submit a resolution urging the AMA to request a qualified and independent body to conduct a comprehensive study of the impact of Public Law 93-641 on the quality and availability of health care.

The House approved the recommendation.

Mr. Speaker, your reference committee recommends that Resolution 80-20 be filed.

The House approved filing Resolution 80-20.

RESOLUTION 80-14, EXPLANATION OF HOSPITAL CHARGES

RESOLVED, That a periodic disclosure of each hospital's administrative cost would enlighten the patients and the serving professionals as to the reasons for the necessary charges and needed economies in the supply and use of hospital services, and be it further

RESOLVED, That this information be distributed annually to each Pennsylvania Medical Society member either by mail or by publishing in PENNSYLVANIA MEDICINE so that each physician can explain hospital charges to his patients and friends.

The testimony generally supported the intent of the resolution although there was some concern expressed relative to the difficulty of collecting and distributing hospital financial data that would serve any useful purpose.

Mr. Speaker, your reference committee recommends referral of Resolution 80-14 to the Board of Trustees for study and recommendation.

The House approved referral of Resolution 80-14.

RESOLUTION 80-21, MEDICAL STAFF CREDENTIALLING OF PHYSICIANS

RESOLVED, That the Pennsylvania Medical Society take a position of opposition to the procedure of delineation of medical staff privileges by means of a listing of authorized procedures/services/surgical operations; and be it further

RESOLVED, That the Society support the position that medical staff privileges be granted on the basis of criteria established for board certification with exceptions indicated at the discretion of the chief of the affected service; and be it further

RESOLVED, That this position be conveyed to the medical staffs of the hospitals of Pennsylvania and other interested parties.

Testimony and subsequent discussion by the reference committee indicated a need to revise this resolution to allow medical staffs flexibility in the design of their specific credentialling process.

Mr. Speaker, your reference committee recommends adoption of the following substitute resolution:

RESOLVED, That the Pennsylvania Medical Society take the position that the procedures of delineation of medical staff privileges by means of a listing of authorized procedures/services/surgical operations be at the option of each hospital medical staff; and be it further

RESOLVED, That the Society support the position that medical staff privileges be granted on the basis of criteria established for Board certification commensurate with the experience and qualifications of individual physicians; and be it further

RESOLVED, That this position be conveyed to the medical staffs of the hospitals of Pennsylvania and other interested parties.

It was moved and seconded from the floor of the House to delete from the second resolve, "... criteria established for Board certification commensurate with the experience and qualifications . . ." and add, "... education, training, experience and interest . . ." The House approved the motion.

It was moved and seconded from the floor of the House to add to the third resolve, "... and pointing out it is not in conflict with the Joint Commission on the Accreditation of Hospitals." The House approved the motion.

The House adopted substitute Resolution 80-21 as amended.

REPORT A, PENNSYLVANIA MEDICAL CARE FOUNDATION

There were no comments relative to this report.

Mr. Speaker, your reference committee recommends approval of the eleven (11) activities contained in the Foundation's 1980-81 Work Plan.

The House approved the eleven activities.

Mr. Speaker, your reference committee recommends that the remainder of Report A of the Pennsylvania Medical Care Foundation be filed.

The House approved filing the remainder of Report A.

RESOLUTION 80-12, HMO ADVERTISING

RESOLVED, That the Pennsylvania Medical Society demand equal federal (in the amount of \$91,000) and state (\$40,000) funding to promote the other forms of delivery of and reimbursement for physician services.

RESOLUTION 80-22, OBJECTION TO THE STATE GOVERNMENT'S SPONSORING COMMERCIALS PROMOTING HMOs

RESOLVED, That the state's sponsoring commercials of one mode of health care is an objectionable act; and be it further

RESOLVED, That the Secretary of Health be so informed.

Due to the similarity of these two resolutions, your reference committee considered them together.

Mr. Speaker, your reference committee recommends approval of the following substitute resolution:

RESOLVED, That the Pennsylvania Medical Society object to the Commonwealth of Pennsylvania sponsoring radio and television commercials which promote only one method of health care delivery and financing; and be it further

RESOLVED, That the Society request federal and state funding to promote other methods of health care delivery and financing in an amount equal to that used by the Commonwealth to promote the HMO system; and be it further

RESOLVED, That the Secretary of Health of the Commonwealth of Pennsylvania be informed of this resolution and be requested to support the implementation of the second resolve.

It was moved and seconded from the floor of the House to add the following fourth resolve, "RESOLVED, That this resolution be forwarded to the AMA for national implementation." The House approved the motion.

The House adopted the substitute resolution as amended in lieu of Resolutions 80-12 and 80-22.

RESOLUTION 80-47, CLOSED PANEL HMOs

RESOLVED, That Senate Bill 1509 and its counterpart in the General Assembly be amended to exclude and prohibit the creation of closed panel HMOs in the Commonwealth of Pennsylvania.

The reference committee was informed that it has been a long standing policy of both the Pennsylvania Medical Society and the Pennsylvania Medical Care Foundation to support a pluralistic system of health care delivery and financing in a fair and competitive marketplace. Testimony and subsequent discussions by the reference committee led to the conclusion that it would be unwise to seek legislation in the General Assembly that would prohibit the operation of any one form of health care delivery and financing.

Mr. Speaker, your reference committee recommends that Resolution 80-47 be rejected.

The House rejected Resolution 80-47.

RESOLUTION 80-50, PATIENT ACCESS RULES UNDER INDIVIDUAL PRACTICE ASSOCIATIONS (IPA)

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society endorse the concept of direct access by patients in "Open Panel" HMOs (such as IPAs) to all physicians participating in the programs.

The reference committee was informed that the present policies of the Pennsylvania Medical Society and the Pennsylvania Medical Care Foundation favor local determination of the question of direct patient access to specialty services under an HMO program. There was also some testimony favoring the restriction of patient self-referral to specialty care under an HMO program on the basis that such a policy is necessary to control excessive and unnecessary costs. All testimony, however, supported the position that the question of patient self-referral should be determined within the individual HMO and should not be the subject of federal or state regulations as presently proposed by the Pennsylvania Department of Health HMO regulations.

Mr. Speaker, your reference committee recommends the adoption of the following substitute resolution:

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society oppose the elimination by state regulation of the concept of patient "direct access" to specialty care in open panel HMOs such as IPAs.

The House adopted substitute Resolution 80-50.

RESOLUTION 80-48, TIMELINESS AND CONFIDENTIALITY OF DATA COLLECTION

RESOLVED, That the information transmitted from the Medical Staff Utilization Review Committees of all delegated hospitals to the various Pennsylvania PSROs being of a highly confidential nature both in content and in identifying physician advisors be transmitted directly from the agent of the Utilization Review Committee, i.e., the Review Coordinator to the PSRO; and be it further

RESOLVED, That this information not be made part of the medical record so that physicians are protected under the provisions of the Peer Review Protection Act of 1974; and be it further
RESOLVED, That the PMS lend its support by intervening with the Hospital Association of Pennsylvania to facilitate the above resolution.

Testimony indicated that several ramifications of this resolution warrant additional analysis.

Mr. Speaker, your reference committee recommends that Resolution 80-48 be referred to the Pennsylvania Medical Care Foundation.

The House approved referral of Resolution 80-48.

Annual Meeting Pennsylvania Medical Care Foundation

As in past years, the annual meeting of the Pennsylvania Medical Care Foundation was held during the 1980 House of Delegates meeting and proceeded as follows:

"The Chair believes it wise to take a minute to be certain that all members of the House understand how we will consider the next order of business. We wish to convene the annual meeting of the administrative members of the Pennsylvania Medical Care Foundation.

"According to the Foundation's Bylaws, 'Administrative members shall consist of those persons who are duly qualified and elected delegates to the House of Delegates of the Pennsylvania Medical Society.' The Bylaws further state, 'The acceptance or election as a delegate to the House of Delegates of the Pennsylvania Medical Society by an eligible physician shall be determined to be acceptance of administrative membership in this Corporation and an intention to be bound by the Articles of Incorporation and Bylaws of the Corporation unless the delegate otherwise notifies the Secretary of the Corporation prior to the annual meeting.'

"In other words, the voting members of the House are also the administrative members of the Foundation.

"At this time, the Chair will entertain a motion to recess the meeting of the PMS House of Delegates and to convene the administrative members of the Pennsylvania Medical Care Foundation in the annual meeting of the Foundation.

"The Chair recognizes the President of the Pennsylvania Medical Care Foundation, Dr. Joseph Demko. Dr. Demko . . .

"Thank you, Ernie. While it is true that we are sitting now as the administrative members of the Pennsylvania Medical Care Foundation, I am sure that all of us want to expedite the business of the Foundation as quickly as possible. I believe this can best be achieved if we permit an experienced hand to guide us from the Speaker's rostrum. For that reason, I would respectfully ask the permission of the administrative members to have Dr. Witt serve as acting speaker of the Foundation so that he may use his skill in parliamentary matters . . . Hearing no objections, Dr. Witt, I ask you to take over.

"Thank you, Joe. The first item of business for the administrative members of the Foundation is consideration of the annual report of the Foundation, which has just been dealt with in the report of Reference Committee C. If there are no further actions or comments concerning this annual report, the chair will entertain a motion to file the report as presented.

"It is filed.

"The second item of business this year for the administrative members of the Foundation is the election of six directors. The Board of Directors of the Foundation presents the following nominees for the vacancies. The Foundation's Bylaws allow for additional nominations to be made from the floor by any administrative member for all vacancies at the time of elections.

Vacancy	Nominee	County
A1	John J. McAndrew, MD	Lackawanna
A2	Joseph E. Green, III, MD	Cumberland
A3	Robert M. Jaeger, MD	Lehigh
A4	John L. Kelly, MD	Delaware
A5	Walter M. Greissing, MD	Allegheny
A6	Joseph W. Stella, DO	Lehigh

"In the event there is a contest for one of the Foundation slots, the contest will be added to the PMS ballot and delegates will cast their votes tomorrow morning.

"Is there any further Foundation business? If not, the Chair will entertain a motion to adjourn the meeting of the Foundation and to reconvene the PMS House."

ference Committee E
resented by: James R. Hamsher, MD

Mr. Speaker, members of the House of Delegates:
Your reference committee has grouped the following items together in a waiver of debate list. In each instance, there was little or no testimony heard and the committee feels these items are of noncontroversial nature.

- Report A, Council on Medical Economics (file)
 - Report E, Board of Trustees (file)
 - Report M, Board of Trustees (file)
 - PMSLIC Annual Report (file)
 - Pennsylvania Blue Shield Annual Report (file)
 - Resolution 80-24, Commendation of PMSLIC (file)
- RESOLVED, That the House of Delegates express its appreciation and support for the continued efforts of the physicians and professional staff of both PMS and PMSLIC in the management and development of PMSLIC.*

Mr. Speaker, your reference committee recommends that the above items be filed.
The House approved filing the waiver of debate items.

REPORT D, BOARD OF TRUSTEES, COMPOSITION OF THE PMSLIC BOARD
Mr. Speaker, your reference committee recommends approval of the recommendation contained in Report D of the Board of Trustees.
The House approved the recommendation in Report D.

REPORT F, BOARD OF TRUSTEES, THIRD-PARTY PAYMENT MECHANISM
Mr. Speaker, your reference committee recommends approval of the recommendation contained in Report F of the Board of Trustees.
The House approved the recommendation in Report F.

REPORT G, BOARD OF TRUSTEES, MEDICARE CO-INSURANCE COLLECTION
Mr. Speaker, your reference committee recommends approval of the recommendation contained in Report G of the Board of Trustees.
The House approved the recommendation in Report G.

REPORT OF PRESIDENT, RECOMMENDATIONS 3 AND 4
Your reference committee heard testimony regarding the many problems in the Pennsylvania Medical Assistance program. The inequities of the federal matching funds percentages appropriated to the states were discussed as well as the fact that negotiations and meetings are ongoing among Department of Public Welfare personnel, legislators, and PMS officers and staff to make improvements in the Medical Assistance program.
Mr. Speaker, your reference committee recommends that Recommendations 3 and 4 of the President's Report be referred to the Board of Trustees for appropriate action.
The House approved referral of Recommendations 3 and 4.

RESOLUTION 80-9, MALPRACTICE INSURANCE
RESOLVED, That the Pennsylvania Medical Society, through all means at its disposal, work to effect a more equitable rate structure and further legislative relief from the tort system.
Your reference committee heard considerable testimony relative to the continuing crisis in the malpractice insurance area. Costs, particularly for the high-risk categories, are continuing to climb to the point where they are prohibitive. New approaches to the problem are needed; better solutions must be found. The Society must actively pursue reforms through the legislature to ease the situation.

Mr. Speaker, your reference committee recommends adoption of Resolution 80-9.
The House adopted Resolution 80-9.

RESOLUTION 80-8, A UNIFORM SYSTEM OF HEALTH CARE FOR ALL PENNSYLVANIA CITIZENS
RESOLVED, That the Pennsylvania Medical Society continue to do all in its power to have a uniform system of health care for all citizens of Pennsylvania.

Your reference committee heard considerable testimony relative to the two-tiered health care system in Pennsylvania with regard to Medical Assistance recipients. The situation regarding filling of telephone prescriptions was discussed. A letter from the Director of the Medicaid Fraud Control Unit, stating that nothing in Section 1407 (10) of Act 105 can be construed to prevent a pharmacist from filling a telephone prescription under rights established by the Pharmacy Act, 63 P.S. Section 390-2(8) was discussed. This position should resolve the problem of a pharmacist's reluctance to fill telephone prescriptions for Medical Assistance patients.

Mr. Speaker, your reference committee recommends adoption of Resolution 80-8.
The two amendments to Resolution 80-8 made from the floor of the House were withdrawn.

It was moved and seconded from the floor of the House to postpone consideration on the balance of the report of Reference Committee E until tomorrow's session. The House defeated this motion.

It was moved and seconded from the floor of the House to add the following additional resolve to Resolution 80-8: "RESOLVED, That the Board of Trustees present to its membership, in rewriting and publishing in PENNSYLVANIA MEDICINE within three months, a concrete plan of action to upgrade the reimbursement to private physicians." The House approved this motion.
The House adopted Resolution 80-8 as amended.

RESOLUTION 80-11, ADEQUATE REIMBURSEMENT TO PHYSICIANS AND LIMITS ON GOVERNMENT REGULATIONS IN GOVERNMENT-SUPPORTED MEDICAL CARE PAYMENT PROGRAMS
RESOLVED, That the Pennsylvania Medical Society create a council, commission, or assign to the Pennsylvania Medical Care Foundation, the task of assuring, through legislative means, adequate income to physicians, as well as reasonable limits on government-required expenditures; and be it further
RESOLVED, That all negotiations undertaken in this program be assigned to physician negotiators appropriately qualified and supported by adequate staff.

Your reference committee heard considerable testimony relative to the problems in federal and state medical programs. Testimony was also heard with respect to activities within the Society, through various councils and commissions, to effect changes in these government programs. The Council on Medical Economics has liaison responsibility with all third-party insurers, including Medicare and Medicaid. The Council on Legislation is involved with all aspects of legislation that impact on the Society. PMS officers and members are actively involved in meetings and negotiations with both bureaucrats and legislators.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-11.
The House rejected Resolution 80-11.

RESOLUTION 80-18, DEPARTMENT OF PUBLIC WELFARE REIMBURSEMENT
RESOLVED, That the Pennsylvania Medical Society pursue, legal action to obtain prevailing fee compensation for both office and hospital-based service for medicaid patients; and be it fur-

ther

RESOLVED, That this action be instituted no later than January 1, 1981; and be it further

RESOLVED, That if legal recourse is not available, then the Pennsylvania Medical Society may function as advising agent to practicing physicians in the pursuit of other possible recourses.

Your reference committee is satisfied that negotiations to increase reimbursement under the Medical Assistance program are ongoing and proceeding as well as can be expected. Also, all avenues to improve the situation have not been exhausted.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-18.

The House rejected Resolution 80-18.

RESOLUTION 80-15, PRIVATE SECTOR ADMINISTRATION OF MEDICAID

RESOLVED, That the Pennsylvania Medical Society, with Blue Cross and Blue Shield and/or other third parties, study the cost involved and the feasibility of providing insurance for Department of Public Welfare recipients and if indeed similar or greater coverage than is now available could be provided at a lower cost; and be it further

RESOLVED, That the Pennsylvania Medical Society draft and introduce legislation in the State Legislature to accomplish this goal.

Your reference committee heard considerable testimony on this resolution. It was pointed out that as early as 1966 the Society recommended this course of action. Attempts have been made a number of times since then to convince the state legislature that private sector administration of Medical Assistance is a viable option which would be more effective and efficient. Because of the size of the Department of Public Welfare (over 42,000 employees) it is recognized that success in transferring administration of the Medical Assistance program to the private sector will be almost an impossible job, nevertheless, a serious effort should be made to accomplish this goal.

Mr. Speaker, your reference committee recommends adoption of Resolution 80-15.

The House adopted Resolution 80-15.

RESOLUTION 80-16, DEPARTMENT OF PUBLIC WELFARE'S PROVIDER AGREEMENT

RESOLVED, That the Pennsylvania Medical Society House of Delegates reverse the acceptance by the Board of Trustees of the Department of Public Welfare Provider Agreement.

Testimony was heard both pro and con. Your reference committee would point out that negotiations are continuing with the Department of Public Welfare and that a physician does have the option to refuse to sign the agreement.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-16.

The House rejected Resolution 80-16.

RESOLUTION 80-53, PENNSYLVANIA DPW REIMBURSEMENT NEGOTIATIONS

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society expresses its great concern and disappointment about this lack of progress in the negotiations with the Welfare Department.

As stated earlier in this report, your reference committee heard considerable and spirited testimony concerning all facets of the Medical Assistance program. The reference committee is aware that some members are frustrated and disappointed with the slow progress, and absence of tangible improvements in the program. However, as stated earlier, negotiations are continuing in a favorable atmosphere.

Mr. Speaker, your reference committee recommends rejection

of Resolution 80-53.

The House rejected Resolution 80-53.

Recess

Dr. Witt announced that the remainder of the report of Reference Committee E would be considered at tomorrow's session. The House recessed at 5:05 p.m. until the opening of the final session at 9:30 a.m., Sunday, November 2.

Final Session of the House November 2, 1980

The final session of the 1980 annual meeting of the House of Delegates was called to order in the International Ballroom of the Fairmont Hotel, Philadelphia, Sunday, November 2, 1980, at 9:45 a.m.

Committee on Credentials

William A. Shaver, MD, Lebanon County, Chairman of the Committee on Credentials, presented the following report:

"Mr. Speaker, there is a quorum of 249 delegates registered and in attendance today."

Reference Committee E

Presented by: James R. Hamsher, MD

Mr. Speaker, members of the House of Delegates:

RESOLUTION 80-55, PENNSYLVANIA DPW REIMBURSEMENT LEVELS

RESOLVED, That the House of Delegates declare this fee increase for physicians totally unacceptable; and be it further

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society accuse the Pennsylvania Department of Public Assistance of deliberately setting up two classes of health care in our Commonwealth, pushing the poor into hospital emergency rooms, out-patient clinics; and be it further

RESOLVED, That the Governor's office be urged to establish a committee to look into department incompetence which has been demonstrated for the last eight years.

Your reference committee considered the testimony heard on this resolution and on Resolution 80-56. The reference committee felt that by amending Resolution 80-56, which follows, the intent of Resolution 80-55 would be met.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-55.

The House rejected Resolution 80-55.

RESOLUTION 80-56, HEALTH ECONOMIC STUDY OF PENNSYLVANIA DPW REIMBURSEMENT POLICIES

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society authorize and mandate the Board of Trustees of the Pennsylvania Medical Society to provide the Graduate School of Public Health, University of Pittsburgh with \$50,000 in seed monies to establish a health economic analysis of the present reimbursement system by the Department of Welfare; and be it further

RESOLVED, That this study will be conducted in 1981 and 1982.

As stated above, your reference committee gave serious consideration to Resolution 80-56. Your reference committee thus recommends that the first Resolve be amended to read . . .

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society authorize and mandate the Board of Trustees of the Pennsylvania Medical Society to obtain and review the study done by a nongovernmental agency on the Department of Public Welfare and make recommendations for further study of the cost effectiveness of the Department of Public Welfare and its programs, including the Medical Assistance Management Informa-

on System (MAMIS).

Mr. Speaker, your reference committee recommends adoption of Resolution 80-56, as amended.

The House adopted Resolution 80-56 as amended.

RESOLUTION 80-57, PENNSYLVANIA DPW MAMIS IMPLEMENTATION

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society express its solidarity with the pharmacists in the Commonwealth in whatever actions necessary against the Department of Welfare to bring about positive changes; and be it further

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society request from the Governor of the Commonwealth of Pennsylvania and the House Legislature an investigation into the lack of health professionalism by the administration of the medical assistance program and establish professional standards for filling these positions; and be it further

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society request from the office of the State Auditor an investigation into the MAMIS Program in terms of cost effectiveness and reliability.

Your reference committee felt that, because of the amendment of Resolution 80-56 directing the Board of Trustees to review the previous study of the Department of Public Welfare's cost effectiveness, the intent of Resolution 80-57 has been met.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-57.

It was moved and seconded from the floor of the House to adopt the following substitute resolution:

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society express its concerns with the pharmacists and other health care providers in the Commonwealth to bring about positive changes in the administration of the Medical Assistance Program; and be it further

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society request from the Governor of the Commonwealth of Pennsylvania and the Legislature an investigation into the health professionalism of the administration of the Medical Assistance Program and establish professional standards for filling these positions; and be it further

RESOLVED, That the House of Delegates of the Pennsylvania Medical Society request from the Office of the State Auditor an investigation into the MAMIS Program."

The House approved the motion. The House adopted substitute Resolution 80-57.

RESOLUTION 80-32, DISCONTINUE PHYSICIAN CARE IN PRIVATE OFFICES

RESOLVED, That as of January 1, 1981, all physician care be discontinued in private offices and be donated in hospital clinics!

Mr. Speaker, your reference committee recommends rejection of Resolution 80-32.

It was moved and seconded from the floor of the House to refer Resolution 80-32 to the appropriate committee or council of the Pennsylvania Medical Society for further study and that committee or council be instructed to collect and solicit other alternative solutions for culmination and further discussion by the Board of Trustees. The House approved this motion.

Editorial corrections were made from the floor of the House to add the words, "... of Welfare Patients ..." after, "Discontinue Physician Care ..." in the subject of the resolution; to change the date from January 1, 1981 to January 1, 1982 in the resolved portion; and to add the words, "... of welfare patients ..." after, "... all physician care ..." in the resolved portion.

The House referred Resolution 80-32 as amended.

RESOLUTION 80-43, NOTIFYING PHYSICIANS OF UNASSIGNED PAYMENTS

RESOLVED, That Medicare, Medicaid, and Blue Shield be urged to institute a system of notifying the physician of unassigned payments attributed to his profile.

Your reference committee heard vague testimony on this resolution. There appeared to be some misunderstanding on just what the profiles would show. Also, for Blue Shield to institute such a system would be prohibitive with respect to cost.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-43.

It was moved and seconded from the floor of the House to refer Resolution 80-43 to the Council on Medical Economics with report back to the 1981 House of Delegates. The House approved the motion.

The House referred Resolution 80-43.

RESOLUTION 80-29, MEDICARE PAYMENTS

RESOLVED, That the Pennsylvania Medical Society express to the AMA its concern over this cap and request the AMA to seek repeal of the 8.15 percent annual cap on increases in Medicare payments.

Your reference committee heard no negative testimony on this resolution and feels that the problem should be brought to the attention of the AMA.

Mr. Speaker, your reference committee recommends adoption of Resolution 80-29.

The House adopted Resolution 80-29.

RESOLUTION 80-58, MEDICAID "SUPER BILL" REIMBURSEMENT FORM

RESOLVED, That the Pennsylvania Medical Society seeks universal acceptance from third parties of the use of a "Super Bill" for physician reimbursement in order to minimize the bookkeeping and paperwork of a Medicaid participating physician.

Your reference committee heard testimony that the Society has been negotiating with the Department of Public Welfare, Medicare and Pennsylvania Blue Shield to reach agreement on a uniform claim form for use in Pennsylvania. This form would be used for Medicare, Medicaid, CHAMPUS and Blue Shield regular business. This form is based on the AMA uniform claim form with minor modifications to accommodate the needs of the Pennsylvania Department of Public Welfare. It is expected that a final agreement on this form will be reached within the next four to six weeks.

Mr. Speaker, your reference committee recommends rejection of Resolution 80-58.

The House rejected Resolution 80-58.

Reference Committee D

Presented by: Robert W. Ford, MD

Mr. Speaker, members of the House of Delegates:

REPORT A, COUNCIL ON LEGISLATION

The committee, in considering Report A of the Council on Legislation, was pleased with the report of the follow-up activity by the Council on House Actions. Your reference committee understands that some of the reports on last year's resolutions are only in progress to date and that more activity will be required before the assignments are completed. We refer here to Resolution 79-19, "PMS Actively Support the Commonwealth in its Hospital Divestment Efforts;" Resolution 79-41, "Increase in State Loan Amounts to Medical Students;" and Resolution 79-44, "School Treatment of Insect Bite Allergic Children." We urge the Council to continue to pursue the substance of these resolutions.

Mr. Speaker, your reference committee recommends that Report A of the Council on Legislation be filed.

The House approved filing Report A.

REPORT B, COUNCIL ON LEGISLATION

Report B of the Council contains a long list of bills that the Council and the Board of Trustees have considered during the 1979-80 session of the Pennsylvania General Assembly. We have gone over it subject by subject and agree in most instances with the actions taken by the Council and the Board of Trustees. One bill and the action taken troubled us—that was S-925—which would make nitrous oxide a controlled substance. We feel that this bill should be investigated further.

Mr. Speaker, your reference committee recommends that S-925 be referred to the Council on Education and Science for further study.

The House approved referral.

Mr. Speaker, the reference committee recommends that the balance of Report B be filed.

The House approved filing the balance of Report B. It was moved and seconded from the floor of the House that the Council on Legislation be instructed to do everything possible to get S-139 passed; this bill would transfer Scranton Hospital to the community. The House approved this motion.

RESOLUTION 80-4, REPLACING THE CORONER SYSTEM WITH THE MEDICAL EXAMINER SYSTEM

RESOLVED, That the Pennsylvania Medical Society support the concept of a medical examiner system, using qualified forensic pathologists; and be it further

RESOLVED, That a committee be formed to work with the Pennsylvania Association of Clinical Pathologists and members of the Pennsylvania Legislature to draft legislation to this end.

Your reference committee heard much discussion on Resolution 80-4. We were reminded that it has been a long standing position of the Society to support a medical examiner system for Pennsylvania. It was in 1968 that the Society succeeded in having the Constitutional Convention remove the coroner as a constitutional officer. This action paved the way for the larger counties to implement the medical examiner system if they so elected through laws passed following the convention. We also heard from representatives of the Pennsylvania State Coroners Association of its plans to implement medical training courses for coroners and their possible approval of a "regional" medical examiner system. Your committee is also aware that the Board has appointed a special committee on the Medical Examiners System that is to meet with a similar committee of the Pennsylvania Association of Clinical Pathologists to explore various approaches to the establishment of a medical examiner system for our state.

Mr. Speaker, your reference committee recommends referral of Resolution 80-4 to a special committee of the Board for study and recommendation and further that it be instructed to open discussion with the Pennsylvania State Coroners Association with regard to the training programs, standards for coroners and especially the ideas expressed about regional medical examiner programs.

The House referred Resolution 80-4.

ADDRESS OF PRESIDENT-ELECT, PMS, RECOMMENDATION 2

The reference committee was in complete sympathy with Dr. Gehris' thoughts concerning PaMPAC.

Mr. Speaker, we recommend that this recommendation be approved and referred to the Board of Trustees for implementation.

The House approved and referred Recommendation 2.

ADDRESS OF PRESIDENT-ELECT, PMS, RECOMMENDATION 3

Here, too, we are in complete sympathy.

Mr. Speaker, we recommend that Recommendation 3 be approved and referred to the Board of Trustees for implementation.

The House approved and referred Recommendation 3.

REPORT J, BOARD OF TRUSTEES

Your committee reviewed Report J of the Board of Trustees with the Chairman of the Ad Hoc Committee, Henry Fetterman, MD. recounted the history and development of the ad hoc committee's struggle with vital amendments to the Health Care Services Malpractice Act and should be studied by all delegates.

Mr. Speaker, your reference committee recommends that Report J of the Board of Trustees be filed.

The House approved filing Report J.

REPORT K, BOARD OF TRUSTEES

Dr. Fetterman also gave the committee a detailed slide presentation concerning the Supreme Court's decision in the *Mattos v Thompson* case. This decision removes the exclusive jurisdiction of the arbitration panels in the Health Care Services Malpractice Act. His presentation praised the Massachusetts Tribunal System as a replacement, and no negative comments were heard following the presentation.

Mr. Speaker, your reference committee recommends approval of Report K of the Board of Trustees.

The House approved Report K.

Mr. Speaker, your reference committee further recommends that the amendments to Act 111, as spelled out in the first part of Report K, be supported and that seeking of the Constitutional amendment await that action.

The House approved the recommendation.

RESOLUTION 80-26, DEVELOPMENT OF AN EFFECTIVE ARBITRATION SYSTEM IN ACT 111

RESOLVED, That the Pennsylvania Medical Society make every effort to develop an effective arbitration panel system in Act 111 as soon as possible.

Your reference committee feels that by adopting Report K, the spirit of Resolution 80-26 has been met.

Mr. Speaker, we recommend that Resolution 80-26 be filed.

The House approved filing Resolution 80-26.

RESOLUTION 80-27, DOCUMENTATION OF THE REASONS FOR FAILURE OF THE ARBITRATION SYSTEM IN ACT 111

RESOLVED, That the Pennsylvania Medical Society exert every reasonable effort to document the true reasons for delay in the arbitration process in Act 111; and be it further

RESOLVED, That the Pennsylvania Medical Society clarify and transmit these reasons to the legislature and the public.

Your reference committee, in considering Resolution 80-27, felt that the Supreme Court's action addressed the failure of the seven-member arbitration panel system and that it was unwilling to give the three-member panels more trial time. We see nothing to be gained in further investigating the failure of the system.

Mr. Speaker, we recommend that Resolution 80-27 be filed.

The House approved filing Resolution 80-27.

RESOLUTION 80-42, ACTION ON MALPRACTICE CRISIS

RESOLVED, That the Pennsylvania Medical Society be encouraged to take whatever political and public relations efforts that are necessary to achieve legislative relief; and be it further

RESOLVED, That the professional liability "crisis" be declared the prime concern of the Pennsylvania Medical Society and its membership.

We agree with the spirit of this resolution, but feel that nothing would be gained by its passage since the Board has already highlighted the importance of the issue through the introduction

Reports J and K.
Mr. Speaker, we recommend Resolution 80-42 be filed.
The House approved filing Resolution 80-42.

Reference Committee B
Presented by: Thomas J. Kardish, MD

Mr. Speaker, members of the House of Delegates:
The following items have been grouped together in a waiver of debate list; in each case, little or no testimony was heard and the committee feels that the items are of a noncontroversial nature.
Report A, Council on Education and Science: Administration and Liaison (approve)
Resolution 80-28: State Board of Medical Education and Licensure (approve)
RESOLVED, That the Pennsylvania Medical Society make every effort to implement the terms of the lawsuit settlement as soon as possible, and be it further
RESOLVED, That the Society request a full explanation from the Commonwealth why the reserve fund for future Medical Board use has grown to over \$3.6 million with another \$2.5 million presently being collected by the Board through medical licensure renewals, when many of the Board's requests for expenditures of funds for programs and staff have been denied or put aside.
Report B, Council on Education and Science: Medical Education and Manpower (file)
Report C, Council on Education and Science: Scientific Activities (file)
Resolution 80-49: Evacuation of Patients on Life Support Systems (approve)
RESOLVED, That the Pennsylvania Medical Society Board of Trustees study the problem of evacuation of critically ill patients in the face of disasters and report the results of this study to the House of Delegates by 1981; and be it further
RESOLVED, That the matter be referred to the House of Delegates of the American Medical Association for further review and consideration.
Report D, Council on Education and Science: Continuing Education Studies (approve)
Address of the President-Elect, Recommendation 8: Adopt Practices to Compete with New Health Delivery Systems (approve)
Address of the President-Elect, Recommendation 9: Leadership in New Management and Administrative Skills (approve)
Resolution 80-2: Certified Trainers in School Sports Programs (approve)
RESOLVED, That the Pennsylvania Medical Society favor this concept and convey to the Pennsylvania State Board of Education this encouragement for conceptual and line item support for employing certified trainers under the supervision of school physicians in each school district wherever feasible.
Resolution 80-17: 1980 Great American Smoke-Out (approve)
RESOLVED, That the Pennsylvania Medical Society encourage its members to use this occasion, November 20, the 1980 Great American Smoke-Out, to stop smoking as an example to their patients and to take an active role in helping their patients kick the habit.
Resolution 80-23: Oppose Any Attempt to Make the Graduate Medical Education National Advisory Committee a Federal Body (approve)
RESOLVED, That the Pennsylvania Medical Society oppose any attempt to make the Graduate Medical Education National Advisory Committee a federal body.
Resolution 80-35: Graduate Medical Education National Advisory Committee's Recommendation to Oppose a 10% Decrease in U.S. Medical School Enrollment by 1978 Statistics (approve)

RESOLVED, That the Pennsylvania Medical Society initiate or support legislation against the government's intervention in the American Medical System, and allow this to be an internal decision on the part of the American Medical Education System.
Resolution 80-31: Yellow Page Listings (approve)
RESOLVED, That physicians be encouraged to list services in the yellow pages and in the other forms of advertising under the general listing of physician and in the specialty sections appropriate to their training and in which they conduct the majority of their practices.
Resolution 80-41: Criteria for the Determination of Blindness (approve)
RESOLVED, That the Pennsylvania Medical Society adopt a policy that a limited visual field is a form of blindness; and be it further
RESOLVED, That the Pennsylvania Medical Society request the Department of Public Welfare to include a limited field of vision as part of the eligibility standards for the Blind Pension in Pennsylvania.
Board of Trustees Report B, Referendum on PMS Policy and Abortion (file)
Mr. Speaker, your reference committee recommends that the above list be approved.
It was moved and seconded from the floor of the House that Resolution 80-28 be extracted from the waiver of debate list. The House approved this motion.
It was moved and seconded from the floor of the House to add the following additional resolve to Resolution 80-28, "RESOLVED, That the Board of Trustees immediately initiate proceedings to continue to reduce the annual licensure fee." The House approved this motion and adopted Resolution 80-28 as amended.
The House approved filing/approval of the waiver of debate items.

REPORT OF THE PRESIDENT: RECOMMENDATION 6: ABANDONMENT OF CONTINUING MEDICAL EDUCATION REQUIREMENT
In the waiver of debate list your reference committee recommends the approval of Report D of the Council on Education and Science which concludes that the CME requirement for membership in the Society should be maintained. The report also indicates that such a standard should not be required for relicensure. It further states that to burden CME programs with regulatory or punitive criteria would rob them of their strongest educational assets. The recommendation of the president calls for the abandonment of the membership requirement which we would reject. It also speaks to eliminating a state mandatory CME requirement for malpractice insurance. Your reference committee supports that principle.
Mr. Speaker, your reference committee recommends that this Society oppose any mandatory requirement by state bodies (licensure or insurance) which requires continuing medical education as a condition for practice within the Commonwealth.
The House approved the recommendation.
We further recommend that the Society work toward the repeal of the present regulation in the insurance department which mandates CME to satisfy a risk management requirement.
The House approved the recommendation.

RESOLUTION 80-13: CONTINUING MEDICAL EDUCATION PROGRAMS
RESOLVED, That the Pennsylvania Medical Society assume the duty of providing an ongoing mechanism to appraise, refine, and evaluate every sponsored instrument for continuing medical education originating in Pennsylvania, and be it further
RESOLVED, That this should not be done for the sake of test-

ing, but to judge the resulting educational value of these efforts; and be it further

RESOLVED, That the registration fees for continuing medical education programs originating in Pennsylvania not exceed one hundred fifty dollars (\$150).

This resolution identifies some of the problems in continuing medical education, namely, reasonable costs and readily accessible programs. We believe the issues are worthy of exploration and that this House of Delegates should have a report on how these problems can best be monitored.

Mr. Speaker, your reference committee recommends the rejection of Resolution 80-13 but believes that an appropriate body of the Society should study the issues of cost and accessibility and report to this House of Delegates at its next meeting.

The House rejected Resolution 80-13.

The House approved the recommendation that an appropriate body of the Society should study the issues of cost and accessibility and report to this House of Delegates at its next meeting.

RESOLUTION 80-34: PHYSICIAN SURPLUS

RESOLVED, That the Pennsylvania Medical Society initiate or support legislation to severely restrict the Fifth Pathway by which foreign medical graduates enter the U.S. graduate medical system.

Your reference committee does not have sufficient information to substantiate the reliability of data presented through this resolution to support its adoption. The GMENAC report should be reviewed by an appropriate body of the Society, and the membership kept informed of the implementation of the report's recommendations.

Mr. Speaker, your reference committee recommends the rejection of Resolution 80-34.

It was moved and seconded from the floor of the House to refer Resolution 80-34 to the Board of Trustees with report back to the House of Delegates at its next meeting. The House approved the motion.

RESOLUTION 80-30: ADVERTISING

RESOLVED, That the Pennsylvania Medical Society inform its members that all advertising by physicians, yellow page listings included, should not be false, misleading, or deceptive; and be it further

RESOLVED, Since the regulations by which the State Board of Medical Education and Licensure is governed describe misleading advertising as unprofessional conduct, the Pennsylvania Medical Society should encourage its members to expose those physicians who violate 49 Pennsylvania Code, Section 17.251(a)(5).

Your reference committee believes that this resolution is sound, however, there needs to be some modification in the second resolve to clarify the intent.

RESOLVED, Since a regulation of the State Board of Medical Education and Licensure describes misleading advertising as unprofessional conduct, the Pennsylvania Medical Society should inform its members how to report those physicians who violate 49 Pennsylvania Code Sections 17.251(a)(5).

Mr. Speaker, your reference committee recommends the adoption of the amended resolution.

The House adopted Resolution 80-30 as amended.

RESOLUTION 80-44: CONFIDENTIALITY OF RAPE COUNSELORS' FILES

RESOLVED, That the Pennsylvania Medical Society support appropriate legislation protecting these counselors from legal proceedings and their notes from public access.

Those speaking before your reference committee supported this resolution. However, we believe that the resolved should be amended for clarification.

RESOLVED, That the Pennsylvania Medical Society support appropriate legal protection from public access of records of suspected rape patients retained by qualified rape counselors.

Mr. Speaker, your reference committee recommends the adoption of the amended resolution.

An editorial correction made from the floor of the House to change the word, "suspected" to "alleged" was approved. The House adopted Resolution 80-44 as amended.

RESOLUTION 80-45: PENNSYLVANIA MOTOR VEHICLE CODE

RESOLVED, That the Pennsylvania Medical Society seek repeal of the law that requires physicians to report patients for revocation of driving privileges.

Your reference committee believes that there is a misunderstanding of the law that requires reporting medical condition by the vehicle code. The only two conditions that are mandated by the code which must be reported by physicians are visual standards and epilepsy. There are other physical and mental standards promulgated by rules and regulations of the Medical Advisory Board to the Department of Transportation. However, these conditions are qualified and we quote "a person affected by any of the following conditions shall not drive if, in the opinion of the examining physician, the conditions are likely to interfere with the ability to control and safely operate a motor vehicle." These regulations indicate a number of conditions such as loss or impairment of the use of a foot, hand or arm, unstable or brittle diabetes, cerebral vascular insufficiency, mental or emotional disorders, use of drugs, and the list continues.

In the opinion of your reference committee these conditions should be reported and we do not support the repeal of the law.

Mr. Speaker, your reference committee recommends the rejection of Resolution 80-45.

A substitute resolution was offered from the floor of the House as follows:

RESOLVED, That the Pennsylvania Medical Society, with speed and dispatch, seek consultation with those specialty societies most involved, such as Emergency Medicine, Family Practice, Internal Medicine, Neurosurgery, Psychiatry, Ophthalmology, Neurology, and Pediatrics, regarding the need and advisability to modify Section 1518 of the 1976 law.

The House adopted substitute Resolution 80-45.

RESOLUTION 80-46: AFFIRM THE TRADITIONAL MEDICAL VIEWPOINT PROHIBITING TERMINATION OF A NORMAL PREGNANCY

RESOLVED, That the Pennsylvania Medical Society House of Delegates affirm the traditional medical viewpoint prohibiting termination of a normal pregnancy where there is no threat to life or health of the mother; and be it further

RESOLVED, That the Pennsylvania Delegation to the House of Delegates of the American Medical Association be instructed to introduce this resolution to that body at its next meeting.

RESOLUTION 80-51: PENNSYLVANIA MEDICAL SOCIETY STATEMENT ON ABORTION AND APPENDIX A

RESOLVED, That the Pennsylvania Medical Society adopt the proposed statement on abortion as it appears in Appendix A of this resolution in order to clarify the scientific and ethical nature of the problem (paragraph A), to recognize the diverse views among the membership which are within the current framework of the law (paragraphs B, C, D), without officially preferring one ethical position to the exclusion of the others (paragraph E), and to delineate common and specific responsibilities towards patients which are consistent with the Society's high standards of

medical care in the community (paragraph F, sections 1, 2, 3, 4).
RESOLUTION 80-52: HUMAN LIFE BEFORE BIRTH

RESOLVED, That the Pennsylvania Medical Society has a duty to make known the fact that abortion, regardless of the medical, social, or private reason for which it is performed, destroys the life of a genetically unique and irreplaceable human being, who is in the process of growth and development; and be it further

RESOLVED, That the Pennsylvania Medical Society support a Human Life Amendment to the Constitution of the United States in order to re-establish legal protection of children to birth; and be it further

RESOLVED, That the Pennsylvania Medical Society call for an amendment of the 1970 AMA abortion resolutions in order to reaffirm the existence of human life before birth, to establish the physician's ethical responsibility for the health of both mother and child during pregnancy, and to confirm that abortion is NOT like any other medical procedure, but that it is distinct among all medical procedures because it ends the life of one of TWO parents involved, who BOTH share the same natural right to life.

Again this year, your reference committee has heard considerable testimony on both sides of the abortion issue. The effectiveness of the referendum which was reported in the Board of Trustees Report B was discussed in great detail. It is the opinion of this reference committee that there is such extreme and diverse views on this subject that it will be difficult or almost impossible for this Society ever to arrive at a policy position that would be accepted by all of the membership. Those physician members who believe that they represent significant parts of the membership do not agree that the present policy of the Society or any of the resolutions proposed, really represent their specific viewpoints.

After considerable testimony and evaluation it was a unanimous conclusion by this reference committee that the existing policy on abortion of the Pennsylvania Medical Society, as well as that proposed by the Council on Education and Science in its revised Report E to the 1979 House of Delegates failed to accurately resolve all of the medical, legal, and ethical questions. Therefore it is recommended that the Speaker take a ballot of the present House of Delegates to determine if the Society should establish a policy statement on abortion.

Mr. Speaker, your reference committee recommends the rejection of Resolution 80-46, 80-51, and 80-52.

It was moved and seconded from the floor of the House to limit the debate on abortion. The House approved the motion.

It was determined that the House of Delegates take action first on the second recommendation on abortion in the reference committee report, calling for a vote to be taken now of the House to see if the issue is relevant enough that any policy position on abortion should be prepared by the Society.

It was moved and seconded from the floor of the House that the two recommendations on abortion in the reference committee report be referred to a special committee to be appointed jointly by the Chairman of the Board and the Speaker of the House of Delegates to consider the entire issue of abortion as it pertains to the Pennsylvania Medical Society and report back to the 1981 House of Delegates; further, that in the interim, the present policy of the Pennsylvania Medical Society with respect to abortion be temporarily suspended. The Speaker of the House ruled this motion out of order and stated that the motion would be voted on if the House of Delegates voted in favor of having a policy position on abortion.

Mr. Speaker, your reference committee recommends that a vote be taken now of this House of Delegates to see if the issue is relevant enough that any policy position on abortion should be prepared by the Society.

A vote was taken on the issue of whether or not to have a policy position on abortion. The vote was negative - 88 to 51; there is no policy position on abortion.

Announcement

Dr. Harrop announced the results of the lotteries drawn by the trustees from districts whose terms expire in 1981 and 1982; the Eighth District Trustee elected in 1981 will have a two-year term, and the First District Trustee elected in 1982 will have a one-year term.

Dr. George Isajiw from Delaware County complimented Barbara Geisel, Aide to the Speaker, and her staff for the excellent manner in which the annual meeting was handled.

Presentation of PMS Staff Service Awards

Dr. David J. Keck, Chairman of the Board of Trustees, presented the Pennsylvania Medical Society Staff Service Awards to Mr. John F. Rineman in recognition of his 25 years of dedicated service, and to Mr. Robert H. Craig, Jr. in recognition of his 30 years of dedicated service.

Annual Assessment

Kenneth L. Cooper, MD, Chairman of the Finance Committee of the Board of Trustees, presented the following report containing the recommendation of the Finance Committee that the annual assessment for full dues-paying members be increased by \$50 to \$275 annually.

"Mr. Speaker, members of the House of Delegates, at the first session of this House I presented to you a detailed report on the 1981 budget which projected a deficit of \$501,028.

"Based on this, the Board of Trustees recommends that the dues for 1981 be increased by \$50 to \$275 annually.

"Contingent upon the approval by the House of the 1981 assessment, the Finance Committee plans to introduce a resolution before the Board of Trustees which will recommend that \$10 of the annual assessment per full dues-paying member and a proportionate amount for other membership categories be allocated to the Educational Fund of the Educational and Scientific Trust of the Pennsylvania Medical Society.

"This means that \$265 of the annual assessment of each full dues-paying member will be available to the General Fund for operating expenses of the Society."

Irving Williams, MD of Union County then presented the following resolution:

WHEREAS, The Philadelphia County Medical Society had a reception for all Pennsylvania Medical Society Delegates at the Union League of Philadelphia on the evening of Friday, October 31, 1980; and

WHEREAS, The Philadelphia County Medical Society Auxiliary made available to all Delegates and their wives a very complete selection of services and interesting places in Philadelphia to visit; and

WHEREAS, The activities and thoughtfulness of this activity is very much appreciated; therefore be it

RESOLVED, That this House of Delegates express its sincere appreciation to the Philadelphia County Medical Society and its Auxiliary for their thoughtfulness and efforts.

It was moved and seconded from the floor of the House to amend the resolution by adding a second resolve to thank the Speaker and Vice Speaker and give them an endorsement of hearty approval for handling a very difficult meeting expeditiously. The House approved this amendment and adopted the resolution as amended.

Thomas Malin, MD of Dauphin County then presented the following resolution:

RESOLVED, That the Pennsylvania Medical Society record in its minutes today and so also request the President of the Pennsylvania Medical Society to send an official letter of commendation to the Philadelphia County Medical Society to thank them for their graciousness and personal amenities provided to the Delegates at the 1980 Annual Meeting of the Pennsylvania Medical Society House of Delegates.

The House adopted this resolution.

Dr. Malin then presented Resolution 80-59, Format of the Annual Meeting:

RESOLVED, That the President and Chairman of the Board of Trustees of the Pennsylvania Medical Society broaden the format, time of election, and guests of the next annual meeting and each annual meeting thereafter.

The House rejected Resolution 80-59 as business of the House.

The Speaker announced that the Board of Trustees would reconvene for its reorganization meeting in the Academy Room immediately following the adjournment of the House of Dele-

gates.

It was moved and seconded that the House of Delegates be adjourned. The House adjourned at 11:55 a.m.

Respectfully submitted,

D. Ernest Witt, MD
Speaker

G. Winfield Yarnall, MD
Secretary

Donald E. Harrop, MD
Vice Speaker

Barbara M. Geisel
Assistant Secretary

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51	80-2 (Referred to Reference Committee B), Subject: Certified Trainers in School Sports Programs, Introduced by: Edward J. Notari, MD, Lackawanna County Medical Society; Author: Lackawanna County Medical Society
39	80-3 (Referred to Reference Committee A), Subject: Location of the Annual Meetings of the PMS House of Delegates, Introduced by: Jane Strickler, MD, Secretary, on behalf of the Centre County Medical Society; Author: Jane Strickler, MD, Centre County Medical Society
50	80-4 (Referred to Reference Committee D), Subject: Replacing the Coroner System with the Medical Examiner System, Introduced by: Harmon J. Machanic, MD, Lycoming County Medical Society; Author: Harmon J. Machanic, MD, Lycoming County Medical Society
43	80-5 (Referred to Reference Committee F), Subject: Greater Involvement of Residents in County Medical Societies, Introduced by: Dennis Krivinko, MD, Resident Physician Section; Author: Robert H. Woodson, MD, Resident Physician Section
43	80-6 (Referred to Reference Committee F), Subject: Streamlining Membership Application Requirements, Introduced by: Dennis Krivinko, MD, Resident Physician Section; Author: Diehl M. Snyder, MD, Dauphin County Medical Society
44	80-7 (Referred to Reference Committee C), Subject: CAT Scanners, Introduced by: Donald E. Parlee, MD, on be-

half of the Bucks County Medical Society; Author: Donald E. Parlee, MD

- 17 80-8 (Referred to Reference Committee E), Subject: A Uniform System of Health Care for All Pennsylvania Citizens, Introduced by: John L. Kelly, MD, Delaware County Medical Society; Author: John L. Kelly, MD, Delaware County Medical Society
- 17 80-9 (Referred to Reference Committee E), Subject: Malpractice Insurance, Introduced by: Howard A. Richter, MD, Delaware County Medical Society; Author: Howard A. Richter, MD, Delaware County Medical Society
- 13 80-10 (Referred to Reference Committee F), Subject: Life Membership Category, Introduced by: Charles Heisterkamp, III, MD, on behalf of the Lancaster County Medical Society; Author: Charles Heisterkamp, III, MD, Lancaster County Medical Society
- 17 80-11 (Referred to Reference Committee E), Subject: Adequate Reimbursement to Physicians and Limits on Government Regulations in Government-Supported Medical Care Payment Programs, Introduced by: Peter A. Theodos, MD, Secretary, on behalf of the Philadelphia County Medical Society; Author: Peter A. Theodos, MD, Philadelphia County Medical Society
- 15 80-12 (Referred to Reference Committee C), Subject: HMO Advertising, Introduced by: Peter A. Theodos, MD, Secretary, on behalf of the Philadelphia County Medical Society; Author: Sidney O. Krasnoff, MD, President, on behalf of the Philadelphia County Medical Society
- 51 80-13 (Referred to Reference Committee B), Subject: Continuing Medical Education Programs, Introduced by: David S. Cristol, MD, Philadelphia County Medical Society; Author: David S. Cristol, MD, Philadelphia County Medical Society
- 45 80-14 (Referred to Reference Committee C), Subject: Explanation of Hospital Charges, Introduced by: David S. Cristol, MD, Philadelphia County Medical Society; Author: David S. Cristol, MD, Philadelphia County Medical Society
- 48 80-15 (Referred to Reference Committee E), Subject: Private Sector Administration of Medicaid, Introduced by: Irving Williams, MD, Union County Medical Society; Author: J. Preston Hoyle, MD, Union County Medical Society
- 48 80-16 (Referred to Reference Committee E), Subject: Department of Public Welfare's Provider Agreement, Introduced by: Harmon J. Machanic, MD, Lycoming County Medical Society; Author: Harmon J. Machanic, MD, Lycoming County Medical Society
- 51 80-17 (Referred to Reference Committee B), Subject: The 1980 Great American Smoke-Out, Introduced by: James C. Gehris, MD, Northumberland County Medical Society; Author: James C. Gehris, MD, Northumberland County Medical Society
- 48 80-18 (Referred to Reference Committee E), Subject: Department of Public Welfare Reimbursement, Introduced by: David L. Kerstetter, MD, Bedford County Medical Society; Author: David L. Kerstetter, MD, Bedford County Medical Society
- 41 80-19 (Referred to Reference Committee G), Subject: Director of Psychiatric Services in General Hospitals, Introduced by: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society; Author: Edward C. Leonard, Jr., MD, Pennsylvania Psychiatric Society
- 45 80-20 (Referred to Reference Committee C), Subject: Study the Impact of Public Law 94-641 National Health Planning and Resources Development Act, Introduced by: Donald G. Crawford, MD, President, Dauphin County

Medical Society; Author: Donald G. Crawford, MD, President, Dauphin County Medical Society

- 45 80-21 (Referred to Reference Committee C), Subject: Medical Staff Credentialing of Physicians, Introduced by: William F. Bouzarth, MD, on behalf of the Pennsylvania Neurosurgical Society; Author: William F. Bouzarth, MD, Pennsylvania Neurosurgical Society
- 45 80-22 (Referred to Reference Committee C), Subject: Objection to the State Government's Sponsoring Commercials Promoting HMOs, Introduced by: Samuel S. Faris, II, MD, Montgomery County Medical Society; Author: Samuel S. Faris, II, MD, Montgomery County Medical Society
- 51 80-23 (Referred to Reference Committee B), Subject: Oppose Any Attempt to Make the Graduate Medical Education National Advisory Committee a Federal Body, Introduced by: Samuel S. Faris, MD, Montgomery County Medical Society; Author: Board of Directors of the Montgomery County Medical Society
- 47 80-24 (Referred to Reference Committee E), Subject: Commendation of PMSLIC, Introduced by: James O. Finnegan, MD, on behalf of the Pennsylvania Association for Thoracic Surgery; Author: James O. Finnegan, MD, on behalf of the Pennsylvania Association for Thoracic Surgery
- 39 80-25 (Referred to Reference Committee A), Subject: Voting Representation on the Board of Trustees for Specialties, Introduced by: James O. Finnegan, MD, on behalf of the Pennsylvania Association for Thoracic Surgery; Author: James O. Finnegan, MD, on behalf of the Pennsylvania Association for Thoracic Surgery
- 50 80-26 (Referred to Reference Committee D), Subject: Development of an Effective Arbitration System in Act 111, Introduced by: Paul A. Lotke, MD, on behalf of the Pennsylvania Orthopaedic Society; Author: Edward J. Resnick, MD, on behalf of the Pennsylvania Orthopaedic Society
- 50 80-27 (Referred to Reference Committee D), Subject: Documentation of the Reasons for Failure of the Arbitration System in Act 111, Introduced by: Paul A. Lotke, MD, on behalf of the Pennsylvania Orthopaedic Society; Author: Edward J. Resnick, MD, on behalf of the Pennsylvania Orthopaedic Society
- 51 80-28 (Referred to Reference Committee B), Subject: State Board of Medical Education and Licensure, Introduced by: Edward J. Resnick, MD, Philadelphia County Medical Society; Author: Edward J. Resnick, MD, Philadelphia County Medical Society
- 49 80-29 (Referred to Reference Committee E), Subject: Medicare Payments, Introduced by: Peter A. Theodos, MD, Secretary, on behalf of the Philadelphia County Medical Society; Author: George Ross Fisher, MD, on behalf of the Philadelphia County Medical Society
- 52 80-30 (Referred to Reference Committee B), Subject: Advertising, Introduced by: Robert M. Pilewski, MD, Venango County Medical Society; Author: George J. Vukmer, MD, Venango County Medical Society
- 51 80-31 (Referred to Reference Committee B), Subject: Yellow Page Listings, Introduced by: Robert M. Pilewski, MD, Venango County Medical Society; Author: George J. Vukmer, MD, Venango County Medical Society
- 49 80-32 (Referred to Reference Committee E), Subject: Discontinue Physician Care in Private Offices, Introduced by: Robert G. Heisey, MD, Lebanon County Medical Society; Author: Robert G. Heisey, MD, Lebanon County Medical Society
- 41 80-33 (Referred to Reference Committee G), Subject: Pro-

- cedures to be Followed by Candidates Seeking Elected Positions in this Society, Introduced by: R. William Alexander, MD, Berks County Medical Society; Author: R. William Alexander, MD, Berks County Medical Society
- 52 80-34 (Referred to Reference Committee B), Subject: Physician Surplus, Introduced by: Richard J. Greco, on behalf of the Thomas Jefferson University Chapter of AMSA; Author: Richard J. Greco, on behalf of the Thomas Jefferson University Chapter of AMSA
- 51 80-35 (Referred to Reference Committee B), Subject: The Graduate Medical Education National Advisory Committee's Recommendation to Impose a Ten Percent Decrease in U.S. Medical School Enrollment by 1978's Statistics, Introduced by: Richard J. Greco, on behalf of the Thomas Jefferson University Chapter of AMSA; Author: Richard J. Greco, on behalf of the Thomas Jefferson University Chapter of AMSA
- 41 80-36 (Referred to Reference Committee G), Subject: Physician Staffing of State Hospitals, Introduced by: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society; Author: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society
- 41 80-37 (Referred to Reference Committee G), Subject: Physician Director of Psychiatric Treatment Team, Introduced by: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society; Author: Edward C. Leonard, Jr., MD, Pennsylvania Psychiatric Society
- 41 80-38 (Referred to Reference Committee G), Subject: Physician-Non-Physician Relationships, Introduced by: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society; Author: Edward C. Leonard, Jr., MD, Pennsylvania Psychiatric Society
- 41 80-39 (Referred to Reference Committee G), Subject: Physician Responsibility for Psychiatric Treatment, Introduced by: Edward C. Leonard, Jr., MD, on behalf of the Pennsylvania Psychiatric Society; Author: Edward C. Leonard, Jr., MD, Pennsylvania Psychiatric Society
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- 51 80-41 (Referred to Reference Committee B), Subject: Criteria for Determination of Blindness, Introduced by: Paul A. Cox, MD, on behalf of the Pennsylvania Academy of Ophthalmology and Otolaryngology; Author: Paul A. Cox, MD, on behalf of the Pennsylvania Academy of Ophthalmology and Otolaryngology
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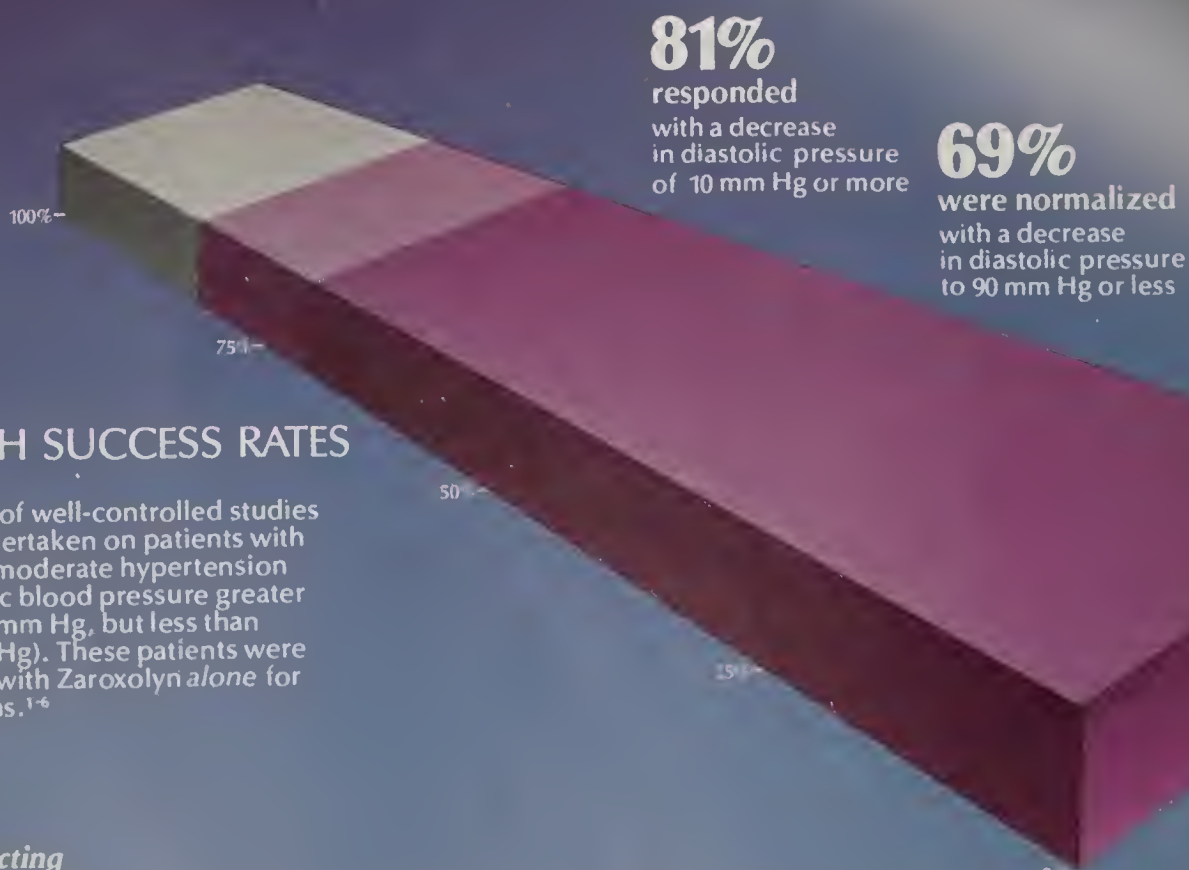
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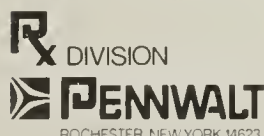
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References: 1. Data on file, Medical Department, Pennwalt Pharmaceutical Division. 2. Van Hoose MC, Cutler RE: Antihypertensive efficacy of metolazone (Zaroxolyn[®]) alone and combined with reserpine in treatment of essential hypertension. *Curr Ther Res* 20:266-276, 1976. 3. Cangiano JL, Campos JA, Trevino A IV, et al: The effects of metolazone in the long-term treatment of essential hypertension. *Curr Ther Res* 16:778-785, 1974. 4. Cangiano JL: Effects of prolonged administration of metolazone in the treatment of essential hypertension. *Curr Ther Res* 20:745-750, 1976. 5. Dornfeld L, Kane RE: Metolazone in essential hypertension: The long-term clinical efficacy of a new diuretic. *Curr Ther Res* 18:527-533, 1975. 6. Materson BJ, Oster JR, Perez-Stable EC: Antihypertensive effects of metolazone (Zaroxolyn). *Curr Ther Res* 16:890-896, 1974.



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Physician impairment: a disseminating disease

Philip J. Strenger, JD

A disease is rapidly decimating the ranks of physicians. It is a debilitating disease with an insidious onset and an increasingly deadly prognosis. Recently, its almost epidemic proportions have alarmed physicians and led them to realize that no one is immune.

The disease masquerades as alcoholism, drug addiction, senility, depression, mental disorder, or suicide. Impairment comprises them all.

This paper investigates the possible reasons for impairment and discusses both statutory and nonlegislative solutions to the problem.

Overview

Recently, CBS' *Sixty Minutes* featured the impaired physician in a story entitled, "Doctor, are you hooked?" The reporters discussed some reasons for physician impairment including long hours, life and death decisions, and pressure to succeed.

They discovered that the physician's God-like attitude toward his healing powers also may create an inability to admit to personal shortcomings until it is too late. By that time, drink or drugs have helped him to forget limitations. Ultimately despondency and suicide may result.

The article, "Some psychological vulnerabilities of physicians," published in the *New England Journal of Medicine*,¹ focused on a study of 268 college sophomores who were followed for 30 years. The study compared 47 students who had attended medical school with a control group of 79 who were selected randomly from the larger sample.

After pooling the physicians and controls, only 15 percent of those with supportive childhoods experienced two or three of the symptoms: troubled marriage, high drug use, ten or more visits to a psychiatrist, or psychiatric hospitalization. Almost 50 percent of those with poor childhoods experienced two or more symptoms.

Easier access accounted for more psychiatric visits by the doctors than by the controls but nonetheless, a physician from a poor childhood envi-

ronment was twice as likely to visit a psychiatrist as one from a healthy childhood environment.

The researcher, Dr. George Vailant, showed that some physicians may give direct care to patients so others can receive the care that they did not receive in their own childhoods. Psychological defense mechanisms such as hypochondriasis, turning against self, reaction formation, and altruism were used twice as often among the doctors as among the controls.

Terman studied 800 gifted men and found that feelings of inferiority were more common among physicians.² Doctors tended to have parents who were overprotective; normal rebellion from parental ties sometimes failed to take place.

Both studies concluded that medical practice became a strain when the doctor tried to give more than he had been given. Alcohol and drugs, demanding patients, and long hours were not problems to a doctor from a happy childhood; but, a doctor from an unhappy childhood might be comforted by appreciative patients or alcohol and drugs.

Drug addiction

The incidence of drug addiction among physicians is high, with a conservative estimated ratio of 1:100 doctors compared with 1:3,000 in the general population.

Many factors may lead to the physician's high drug addiction. These include easy availability of drugs; daily stress and long work hours; minimal supervision; personality traits, e.g., passivity, role uncertainty, role deprivation; chronic fatigue; physical illness; mental difficulties; insomnia; impending retirement; professional dissatisfaction; dissatisfaction with specialty; lack of intimacy; and fear of professional incompetence.

The author is a fourth year student at the University of Pittsburgh School of Medicine. He graduated from Brooklyn Law School in 1976. This project was sponsored by the University of Pittsburgh School of Medicine Alumni Association.

Rather than seek help, a physician may begin self-treatment. Initially, it consists of minor tranquilizers, evening sedation, or alcohol.

One reason why physicians do not seek help may be the doctor's idealized image in the community. Problems should be kept secret to prevent the community from perceiving a weakness in its doctor's character. There is also an unwillingness on the part of the doctor to assume the patient's role. Until now, the doctor was in an elite group of caretakers. The reversal of roles is not easy to accept.

Studies show that addiction problems first are brought to the family doctor. Unfortunately, the addicted doctor who finally goes to a colleague will have his diagnosis ignored or overemphasized. Physicians are loathe to bother colleagues regarding such vagaries as insomnia, constant anxiety, or the urgent need to drink. Fear of repercussions such as censure or painful exploration of personal history is another factor.

Finally, there is the oft-quoted "conspiracy of silence" by the medical profession that insulates an impaired physician. Reasons given are: anger, fear, guilt, shame, and sympathy. Many also feel that they are immune to such failings and would rather not get involved.

A study of 46 addicted physicians,⁴ showed two interesting facts:

- Physicians can hide addiction over a long period of time because of knowledge of drugs.

- Many doctors become addicted to sample drugs sent from the pharmaceutical companies.

In a detailed study of 36 physician-addicts,⁵ Wall noted the following personality traits: sensitivity with a tendency to hypochondriasis; easy fatigueability; an inability to withstand stress; immaturity; feelings of inadequacy; withdrawal; depression; and "schizoid" makeup.

Alcoholism

Studies have shown that alcoholism is the second most frequent diagnosis in physicians hospitalized for all psychiatric reasons, the first being

“
Few physicians who abuse drugs seek treatment voluntarily.
”

drug addiction.⁶ Alcoholism among physicians not only may precede drug addiction but it is often associated with the use of one or more mood-altering drugs.⁷ (Liver cirrhosis mortality is 3.5 times greater among doctors as among the general public.)

Pressure is one reason given for alcoholism. Bissel and Jones showed in their study⁸ that more than 50 percent of 98 alcoholic doctors tested were in the top third of their medical school class. Only 5 percent were in the lower third.

Unlike drug addiction, alcoholism is difficult to disguise. Withdrawal or isolation from friends and associates is the first change. Unavailability, especially on weekends, is a signal to the alcoholic-doctor's patients. Colleagues may notice irregularly kept hours, forgetfulness, broken promises, inattention, and impatience.

Some physicians may react as one physician did, stating, "I know I've got a problem, but I like my problem."

Maxwell N. Weissman, director of the Alcohol Control Administration of Maryland's Health and Mental Hygiene Department, said, "Many alcoholic physicians adjust and adapt and grow overcautious to avoid harming patients."

Only when the doctor begins to work under the influence does the hospital revoke privileges and require that the physician "dry out." Help rarely is sought until the problem becomes critical.

These alcohol abusers usually consult psychiatrists. But doctors often get inadequate treatment because doctors are treated differently from other patients. Furthermore, a lack of sufficient attention to alcoholism in medical school curricula and a mistaken idea that prognosis in alcoholism is always poor, add to the lack of success in treating alcoholics.

Problems in treatment

What kind of treatment is needed for these doctors? The therapist must guard against becoming hypercritical or treating the patient preferentially. The doctor must be told that he will be treated like everyone else with no

extra privileges and no short-cuts taken in his management.

Before treatment, the following must be defined: the agent and extent of abuse; the patient's motivation for treatment; and treatment goals and expectations. Legal issues should be confronted. Alternatives to protect the patient must also be discussed including vacation, privilege suspension, and dose supervision.

A detailed medical evaluation including a complete physical examination, medical history, urine for routine analysis, and a drug screen, should be performed. In the case of narcotic abuse, the patient should be hospitalized and withdrawn over a seven to fourteen day period.

Psychotherapy, including current life stress, social interaction and support systems, should be discussed. Inadequate coping systems, frustrated dependency needs, and diminished self esteem should be elucidated.

Hall, Stickney, and Popkin⁸ concluded in their study of 100 doctors and a survey of medical examiners that:

- Physician drug abuse is an under-reported problem in the United States.

- Colleagues experience difficulty in dealing with drug-abusing peers.

- Both colleagues and spouses are aware of a physician's drug habit for several years prior to a request for treatment.

- Stress and responsibilities of medical practice, not merely the accessibility of drugs, enter into abuse.

- Substance abuse frequently is mixed with the abuse of alcohol and minor tranquilizers preceding narcotics abuse.

- Few physician-abusers seek treatment voluntarily.

- The recognition of therapist countertransference or awareness of illness by both therapist and patient is crucial.

As Miller, an alcoholic physician, said, "Alcoholism is a primary disease, not a symptom of something else. Help is available for doctors. The stigma is over. Life can be a joy once you get the bottle off your back."⁹

Mental disorders

In his study, Vaillant found that within the physician group studied, 47 percent had poor marriages or were divorced, 36 percent sought relief through drugs, 34 percent through psychotherapy, and 17 percent underwent psychiatric hospitalization.¹

Pitts, Winokur, and Steward¹⁰ found six out of 40 (15 percent) sophomores at medical school to be suffering from psychiatric illness. Three of the six suffered from manic-depressive psychosis. Of 2,000 admissions to a Pennsylvania psychiatric facility, only one was a doctor (0.5 percent), but at a private facility in the same state, 12 of 441 (2.7 percent) were physicians.

Depression is the most common psychiatric disorder. Its many syndromes include depressive neurosis, manic-depression, involuntal melancholia, and psychotic depressive reaction. Demands of the profession; availability of drugs; overwork; long, stressful medical training; and life adjustment prior to medical school are some reasons for depression among physicians.

Vaillant's study showed that only doctors with the least stable childhood and adolescent development appear vulnerable to those occupational hazards. Pitts found a positive family history of psychiatric illness was correlated strongly with psychiatric illness in medical students.

Modlin and Montes in their study,¹¹ stated that only 3 percent of physician-patients held their fathers in high esteem, yet 97 percent described their fathers as stern, depriving, passive, or indifferent. Only 4 of 30 patients spoke warmly of their mothers. Twenty-six described their mothers as nervous, hypochondriacal, pushy, demanding, or dominating.

Hunter stated that of 18.3 percent of the medical students seeking psychiatric help, 40 percent had personality problems before entering medical school and the major cause of the maladaptation was the personality they brought with them.¹²

Walton suggests that personality traits of obsessionality, lack of pleasure-seeking, and feelings of indispensability, although useful as a student and fitting "the good doctor" role, may be signs of predisposition

toward affective disorder in middle life.¹³ He found that introversion and neuroticism correlate with success in the university. Evidence suggests that doctors who develop psychiatric illness have a vulnerability that predates medical school.

Medical schools share the blame. Openness about emotional problems is scorned. There is little understanding of the physician's potential life styles, stresses, and patterns of morbidity. The physician's role is to stamp out disease, suffering, and death, but soon the student finds himself surrounded by these. Despair, guilt, and fatigue, often leading to overwork and depression, seem inevitable.

Depression is prevalent among interns. A study by Valko and Clayton found that among 53 first year residents,¹⁴ 30 percent were depressed during the year. The depressed interns had a positive family history for depression.

Forty-six percent of the married interns in the depressed group vs. 7 percent of the nondepressed group had marital problems during their internship. There was evidence that stress precipitated the depressive symptom complex. The reasons given for depression were: difficulty of service, working 100+ hours a week, and too much responsibility. The symptoms included decreased libido, decreased family interest, and loss of ability to express joy or sorrow.

Psychiatrists and ophthalmologists also were noted to have a higher incident of psychiatric ills than other physicians. In contrast, there is low rate among surgeons, pediatricians, radiologists, and pathologists.

Watterson believes that a degree of neurotic vulnerability is a prerequisite for the would-be psychotherapist.¹⁵ He states that the ophthalmologist in private practice who has a heavy case load carries out refractions, strives for perfection, and dreads seeing a dissatisfied patient. He also becomes frustrated by being professionally underchallenged during much of his workday.

Suicide

One hundred to 300 physicians commit suicide each year. This number approximates one medical school graduating class.

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Getting a physician to admit that he needs help is not easy.

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Suicide is the second highest cause of death among physicians under 45 years old. It is the highest among medical students. White male physicians under age 40 commit suicide at a rate four times that of their counterparts over the age of 25 years.

Disillusionment and anxiety occur early in a young doctor's career. For example, a group of suicides occurs between the ages of 35 and 40 and is associated with difficulties in establishing a practice.

One explanation for the high suicide rate is that most attempts succeed. When a physician commits suicide with drugs, he rarely underestimates the dosage or potency.

Blachly noted that all physician suicides were persons who suffered serious affective disorders.¹⁶ Thirty-eight percent had prior psychiatric treatment and 26 percent were in treatment at the time of death. Despite treatment, 44 percent were said to have a disdainful, pessimistic, or negative attitude toward psychiatric treatment as it pertained to them.

Marital breakup isolates the suicidal doctor from the people he needs the most. According to Rose and Roscow,¹⁷ divorced doctors are 13 times more likely to kill themselves as their married colleagues.

Treatment

Physicians resist help by building defenses and denying depression. The stigma of being psychiatric patients magnifies their depression.

Whenever the depressed doctor comes to treatment, key issues need to be confronted and resolved. Guilt about the past must be minimized. The therapist must find out the degree of depression and whether the patient harbors thoughts of suicide. Most importantly, the therapist should treat the physician like any other patient.

As for prevention, it has been suggested that medical schools screen out the population at risk or make available student health service to treat psychiatrically ill medical students. They should be taught that the motivations, talents, and skills that led to their becoming medical students

later may lead to anxiety, depression, and conflicts.

Faculty should be alerted to the need to be models of a more balanced life style. Physicians should be helped to become aware of their own needs and abilities and those of their families. They should learn to cherish themselves and to involve the family in the therapeutic program they undertake.

Sick doctor statute

For patients to receive the degree of care they expect and deserve from their doctors, a means of dealing with impaired physicians had to be implemented.

In 1969, Florida developed the sick doctor statute, which defines the inability of the physician to practice medicine with reasonable skill and safety to his patients because of illness. The inability can be a result of organic illness, marital or emotional disorder, alcoholism, drug addiction, deterioration through the aging process, or loss of motor skills.

The act provides that prior to board action against a doctor, there must be probable cause of his inability to practice medicine with reasonable skill and safety to his patients. A provision protects the doctor from capricious accusations.

When probable cause is shown, the physician is required to submit to diagnostic mental or physical examination. Implied consent is given automatically based on his use of his license, or by annual registration of his license. Implied consent also is used to remove privileged communications existing between physician and patient, thus making available to the board, records of the examiner's consultation, diagnostic tests, and testimony.

Following the hearing, the board may suspend the physician's license and place him on probation. He may be compelled to seek therapy from a designated physician, or his area of practice may be restricted.

License suspension lasts only for the duration of impairment and the physician is guaranteed the opportunity to

demonstrate to the board that his license should be reinstated when he is competent to practice again. Today, more than 30 states, drawing either on the Florida statute or on the AMA's Model Disabled Physician Act, have enacted similar legislation.

Reporting the impaired physician

Getting a physician to admit that he needs help is not easy. An element of coercion is often necessary, but the family is usually ineffectual in exerting pressure.

Peer referral for help usually reveals an entrenched "conspiracy of silence." Why don't fellow physicians report their sick colleague? When a hypothetical situation was presented to 100 practicing physicians, psychiatric house staff, and medical students, 82 percent felt that reporting a colleague would jeopardize him.³

Sixty-five percent felt that the friend-foe polarizations which could develop after disclosure might leave the reporting professional in the role of an antagonist whose loyalty to the medical profession and reasons for making the disclosure would be suspect. Ninety-one percent felt that physician drug abusers should be treated differently from street addicts.

Seventy-one percent said that, given an option, they would prefer to refer the physician-abuser rather than become involved directly. Eighty percent said they would not accept such referral freely if given another option.

Reporting was an imposition on the time and energy of the doctor. Reporting physicians felt the time was wasted especially when the end result was disappointing. It could even result in a lawsuit against the reporting physician, particularly by the physician who was reported unsuccessfully.

Other problems in reporting impaired physicians include: deciding whether the illness can be equated with being a bad doctor; a reluctance based on the reporting physician's fears that the board is punishing rather than healing the disabled physician; poor speed and efficiency of programs; and ignorance of actual methods of reporting and procedures available. Finally, there is no consensus as to what cause of action to take.

Even so, figures from the AMA show that disciplinary actions initiated per

year by licensing boards more than tripled between 1971 and 1976 from 1,275 to 4,237. Reprimands and censures nationwide zoomed from a paltry 26 in 1971 to 163 in 1976.

The approach used by the Pennsylvania Medical Society relies on persuasion from colleagues and family, and avoids threats of reports to the medical board except when abuse becomes severe.

Abraham J. Twerski, MD, head of the Gateway Alcoholic Rehabilitation Center in Pittsburgh, and an active member of the impaired physicians program in Pennsylvania, related a story about a phone call he received concerning an alcoholic pathologist. Dr. Twerski convinced the caller to speak to the pathologist personally. The reporting physician said, "When I told the disabled doctor, I thought he was an alcoholic, the doctor answered, 'Sure, I know. I've been waiting for you to confront me.'"

Legal liability

Courts have held hospitals liable for injuries to patients resulting from the hospitals' failure to ferret out delinquent physicians.¹⁸ It was decided that a hospital, through its employees, was a primary provider of health care. The hospital has an absolute responsibility for the quality of care rendered a patient, based on a newly espoused doctrine of "corporate liability." Under the agency doctrine, the hospital still was not vicariously liable for negligent acts of the attending doctor; however, the hospital could be considered negligent if its other employees failed to police and monitor the activities of the attending doctor, if they failed to report any deviations from the standards of medical practice, and if the hospital administration failed to intervene on the patient's behalf and discipline the offending physician.

The *Nork* case¹⁹ extended the hospital's corporate liability so that a hospital could be considered negligent if it issued or renewed privileges to a known incompetent physician. Furthermore, the hospital could be charged with the duty of investigating all doctors seeking privileges of their license renewal.

Recently, the New Jersey Court of Appeals,²⁰ decided that an entire medical staff could be sued for failure to

initiate action against a known delinquent or deficient physician who negligently treated a hospitalized patient.

California and Florida have ruled that when a doctor disabled by alcoholism has not been prevented from practicing, other involved doctors as well as the hospital are equally liable in a malpractice suit.²¹

Conclusion

We spend millions of dollars on cancer research and other killer diseases, yet we overlook a disease that is attacking our supposed healers. It is a disease that must be monitored by the medical profession as a group and watched closely by the individual physician. To deal with impairment, we must break the conspiracy of silence.

REFERENCES

1. Vaillant, G.E., Brighton, J.R., McArthur, C.: Psychological vulnerabilities of physicians. *New Eng J Med* 287:372, 1972.
2. Terman, L.M.: Scientists and nonscientists in a group of 800 gifted men. *Psychological Monograph* 68:1-44, 1954.
3. Hall, C.W., Stickney, S., Popkin, M.: Physician drug abuser. *J Nerv & Ment Dis* 166:787-793, 1978.
4. Green, R.C. Jr., Carrol, G.J., Buxton, W.D.: *The Care and Management of the Sick and Incompetent Physician*. Charles C. Thomas, New York, 1978.
5. Wall, J.H.: The results of hospital treatment of addiction in physicians. *Fed Bull* 45:144-152, 1958.
6. Duffy, J.C., Litin, E.M.: Psychiatric morbidity of physicians. *JAMA* 189:989-992, 1964.
7. AMA Council on Mental Health: The sick physician: Impairment by psychiatric disorders, including alcoholism and drug dependence. *JAMA* 223:684-687, 1973.
8. Bissel, L., Jones, R.: Disabled doctors. *JAMA* 236:1372, 1976.
9. Miller, T.R.: My life as an alcoholic doctor. *Med Econ* December 12:192, 1977.
10. Pitts, F.N., Winokur, G., Steward, M.A.: Psychiatric syndromes, anxiety symptoms, and response to stress in medical students. *Am J Psych* 118:333-340, 1961.
11. Modlin, H.C., Montes, A.: Narcotics addiction in physicians. *Am J Psych* 121:358-369, 1964.
12. Hunter, R.C.A., Lohrenz, J.G., Schwartzman, A.E.: Nosophobia and hypochondriasis in medical students. *J Nerv & Ment Dis* 139:147-152, 1964.
13. Walton, H.J.: Effect of the doctor's personality and his style of practice. *J Coll Gen Pract* 16:113, 1968.
14. Valko, R., Clayton, P.: Depression in the internship. *Dis Nerv Sys* 1:26, 1976.
15. Watterson, D.J.: Psychiatric illness in the medical profession: incidence in relation to sex and field of practice. *Can Med Assn J* 115:311-317, 1976.
16. Blachly, P.H., Disher, W.: Suicide by physicians. *Bulletin of Suicidology*, National Institute of Mental Health, December 1968.
17. Rose, K.D., Roscow, I.: Physicians who kill themselves. *Arch Gen Psych* 29:800-808, 1973.
18. *Darling v Charleston Community Memorial Hospital*, 331112d 326, 211 NE 2d 253 (1965), cert. denied, 383 US 946 (1966).
19. *Gonzales v Nork & Mercy Gen. Hosp.*, Cal Sup. Ct. Sacramento County, Docket no. 228566, November 19, 1973.
20. Hospital boards, staff must discipline errant MDs. *Am Med News* February 2:4, 1976.
21. Huff, J., Winston, C.E.: The disabled physician in Georgia. *JAMA* 65:94, 1976.



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REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and hypogonadism, 10 to 40 mg. Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg. Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahoglu, M.D.; Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only

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Munster, IN — Family Phys., Gen. Internists, ENT, Orthopedists, Gen. Surgeons needed for large midwest multi-specialty group. Competitive first year salary with opportunity for early partnership; all fringes Clinic paid. Excellent opportunity to inherit existing and develop your own practice. Call or send CV to: T.R. Hoffreth, Hammond Clinic, 7905 Calumet Ave., Munster, IN 46321; (219) 836-5800.

Neuroradiologist — clinical responsibility. Chief of neuroradiology section with teaching as associate professor or professor. Excellent opportunity for research. Send curriculum vitae and bibliography to Marc S. Lapayowker, MD, Temple University Hospital, 3401 N. Broad St., Philadelphia, PA 19140. An Affirmative Action, Equal Opportunity Employer.

Emergency Medicine: North Central PA — Geisinger Medical Center, a large tertiary care institution, is seeking physicians for directors and staff positions for its several new emergency medicine contracts. GMC is now contracting to manage and staff area emergency departments in a variety of community hospitals. Superb area for outdoor activities. Competitive salary and excellent benefits package with generous continuing medical education leave. Staff appointment includes affiliation and associate faculty of Emergency Medicine Residency Program at Geisinger Medical Center. Send resume or contact: Mark P. Rorem, MD, Director, Department of Outreach Emergency Medicine, Geisinger Medical Management Corporation, Danville, PA 17822; (717) 271-8120/(717) 724-1631.

The Department of Family Medicine — Cooper Medical Center, the Clinical Campus Hospital for CMDNJ-Rutgers Medical School at Camden, is seeking a faculty member to develop and supervise the Family Medicine Undergraduate medical student curriculum for the class beginning at Cooper Medical Center in September, 1983. This will be a full-time salaried position. The individual must be Board Certified, eligible for a faculty appointment to the Rutgers Medical School and have training and experience in family practice, teaching, and administration. Send C.V. to: James Sobel, MD, Dept. of Family Medicine, Cooper Medical Center, One Cooper Plaza, Camden, NJ 08103; CMDNJ-RMS/CMC are EC/AA Employers.

Family practice group — innovative, comprehensive FP group plus gynecologist and part-time subspecialists; near Allentown; active hospital practice plus home visit program; preventive program using PAs; full lab; attractive setting and opportunity. Contact L. Perin, MD, Mauch Chunk Medical Center, Jim Thorpe, PA 18229; (717) 325-2705.

Lovely southwestern climate — multispecialty group seeking internist. A good situation. Contact: Talton L. Francis, Eastwood Medical Center, 10301 Gateway West, El Paso, Texas 79925; (915) 592-0201.

Radiographer — Full time faculty position available July 1, 1981. Special interest in CT of head and body. Send curriculum vitae to Jack Edeiken, MD, Professor and Chairperson, Dept. of Radiology, Thomas Jefferson University Hospital, 111 S. 11th St. Philadelphia, PA 19107. Equal Opportunity Employer.

Physicians — for clients in Pennsylvania and Massachusetts. Specialists in IM, FP, PD, ENT, psychiatry, physical medicine ob-gyn, vascular surgery, orthopedic surgery, and neurosurgery. Please call E.J. Mowry, (215) 348-8700.

Family practitioner needed — board-eligible or board certified full time position for a multispecialty primary care center. Located in northeastern Pennsylvania, 20 minutes from Pocono Mountain resorts and within 2 hours of New York City and Philadelphia. Position available on July 1. Competitive salary and fringe benefits. Contact Alfonso Gomar, MD, Medical Director, 959 Wyoming Ave., Scranton, PA 18509. Scranton Primary Health Care Center is an Affirmative Action/Equal Opportunity Employer. Telephone (717) 344-9684.

Pediatrician and other physicians wanted — for Bethel Park Pennsylvania, suburb of Pittsburgh, 35,000 people. New professional building. Call (412) 833-6188.

Orthopedic surgeon wanted — associate for well established orthopedic clinic in eastern Pennsylvania. First year, salary plus percentage. Partnership after one year. Board eligibility required. No investment needed. Write Department 709, PENNSYLVANIA MEDICINE, 20 Erford Road, Lemoyne, PA 17043.

Family physician — ABFP, young FP group in Northwestern suburb of Philadelphia (Montgomery County) seeking one ABFP physician. Practice utilizes 2 of finest hospitals in Phila. area (Abington and Chestnut Hill). Interested in quality not volume practice. To begin Jan-July 1981. Will consider board eligible resident finishing in July 1981. Call evenings Dr. Badolato (215) 572-5021 or Dr. Rosan (215) 643-6488 or write Department 84, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Medical group forming — immediate attending staff physician positions available. Possible academic affiliation. Regular hours with guaranteed salary and benefits. Background in primary care, internal medicine, or family practice. Contact: Dr. Irving Abramson, Suite 400, 399 Market Street, Philadelphia, PA 19106, or telephone (215) 925-3633.

Physician — Large geriatric facility is seeking a full time Pennsylvania licensed physician. Job available April 1, 1981. Forty-hour work week. Liberal salary. Very attractive maintenance free home included. Full range of benefits plus fully paid malpractice insurance. Send resume to: Walter L. Wentzel, Jr., Executive Director, Masonic Homes, Elizabethtown, PA 17022. Equal Opportunity Employer.

Surgical technologist — or surgical assistant (P.A.). 381 bed community hospital, N.E. section of Philadelphia, Pennsylvania. Full time; salary competitive. Contact Nazareth Hospital (215) 355-6098.

Ophthalmologist — wanted to join board certified ophthalmologists (age 36) in medium-sized northern Ohio City. Full partnership possible after 1 year. Liberal vacation and fringe benefits. Respond with CV to Department 854, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Obstetrician-Gynecologist — Indiana, Pennsylvania — A beautiful university community located 60 miles north and east of Pittsburgh, PA. Indiana Hospital is a 200-bed general hospital, completing a \$22 million building and renovation program, which will provide the finest in medical facilities and equipment. It is the only general hospital in Indiana County, serving a population of over 80,000. The potential for a medical practice in obstetrics and gynecology is excellent due to a strong expanding economy and young family growth in this area which has generated the need for additional physicians in this specialty. The area has an excellent school system, fine recreational facilities with lakes, streams, and mountain terrain for the various sports. The practice opportunity is open either for a private practice or in a partnership. Inquiries should be directed to either Richard N. Freda, MD, The Shen Franklin Medical Center, Shelley Dr., Indiana, PA 15701 (412) 63-0225 or Donald F. Smith, President, Indiana Hospital, Indiana, PA 15701 (412) 357-7120.

Staff psychiatrists — positions immediately available. Our hospital is looking for psychiatrists with fresh ideas and strong convictions on public sector mental health care. We are located in pleasant, residential Northeast Philadelphia and can offer the area's unparalleled opportunities for professional growth and development. Good salary and benefits. Requirements are PA state license and board certification or eligibility. Contact, in strict confidence: Franklyn R. Clarke, MD, Superintendent, Philadelphia State Hospital, 14000 Roosevelt Blvd., Philadelphia, PA 19114; (215) 671-4101.

Emergency physicians — Philadelphia and suburban Philadelphia hospitals. Fee for service with minimum guarantee, 42 hr. per week avg. Experience preferred but will consider all applicants. Contact Teddy Trout (215) 438-0390 for further details or send CV to EMSS, 5555 Wissahickon Ave., Suite L6, Philadelphia, PA 19144.

Pennsylvania Emergency Physician — 200-bed general hospital located in western Pennsylvania university community. New modern Emergency Department. Salary highly competitive. PA license required. Contact: William B. Yeagley, MD, Director of Department of Emergency Services, Indiana Hospital, Indiana, PA 15701.

Pennsylvania — Emergency physician system. Needs several fulltime emergency physicians for Western Pennsylvania area emergency departments. Independent contractor arrangements. Eligible for corporate membership within two years. The system is on a "fee-for-service" basis. Contact: (412) 228-3400 for interview appointment.

Physician placement by physicians — unique hospital, group, and solo opportunities available in all specialties throughout Pennsylvania and coast-to-coast. Urban, suburban, and rural openings. Forward C.V. with your objectives in confidence to M.C. Staschak, MD, & Associates, 5th Floor - M, Manor Building, Pittsburgh, PA 15219, (412) 765-3555 (answers 24 hours).

Emergency medicine opportunities available — Opportunities available to assume clinical and directorship responsibilities in several emergency departments located in western Pennsylvania. Excellent income, flexible scheduling, and paid professional liability insurance. Part-time opportunities also available. For details, send credentials in confidence to Mr. James Thomas, 230 Park Avenue, Suite 303, New York, New York 10169, or call collect (212) 599-0060.

House Staff Physician — Excellent opportunity for a *Pennsylvania licensed* physician to serve in a responsible position of a modern suburban Philadelphia, 286 bed hospital. JCAH accredited. \$40,000 per year plus vacation, sick leave, paid pension plan, hospitalization, malpractice insurance, and disability insurance. Some evening and night duty required. For further information, contact John F. Dunleavy, Assistant Executive Director, Holy Redeemer Hospital, Meadowbrook, PA 19046; telephone (215) 947-3000.

Pennsylvania, Chester — emergency department physician for private physician group staffing EDs in Philadelphia and Delaware County. Must be PA licensed. 40 hr. week, competitive salary, paid malpractice, liberal fringe benefits, profit sharing. Send curriculum vitae to Emergency Medical Associates, Ltd., 15th & Upland Ave., Chester, PA 19013 or call (215) 874-8177.

Psychiatrist — board certified or board eligible. Mental hospital in metropolitan area. Easy access to New York, Philadelphia, and close to Pocono resort area. Good salary with excellent fringe and retirement benefits. Residence available. Pennsylvania license required. Contact George E. Gittens, MD, Superintendent, Clarks Summit State Hospital, Clarks Summit, PA 18411; (717) 586-2011.

Family practitioner — to join 3 physician primary care group located in Fairless Hills, PA (NE Philadelphia suburb). Full complement of laboratory and radiology services. Hospital privileges at 2 community hospitals. Excellent opportunity for aggressive individual. Mail current CV to Medical Director, Fairless Hills Medical Center, 515 South Olds Blvd., Fairless Hills, PA 19030.

New Jersey-Ancora — Immediate openings for New Jersey licensed staff psychiatrists in 1000 bed JCAH and AMA accredited psychiatric hospital. Affiliated with Temple University Hospital, department of psychiatry. Located 30 miles from Atlantic City and Philadelphia. Salary commensurate with training and experience from \$33,885 to \$50,435. Private practice after duty hours permitted. Liberal fringe benefits include Blue Cross, Blue Shield, and life insurance. Write Engracio Balita, MD, Medical Director, Ancora Psychiatric Hospital, Box-A, Hammonton, New Jersey 08037, or call (609) 561-1700, ext. 203.

Grow with us in sunny Arizona — The INA Healthplan needs physicians in family practice and most specialties in Tucson and Phoenix. Competitive salaries and comprehensive benefits including a professional development program, retirement plan, and group incentive bonus are provided. If team interaction and casual living interest you, send your CV to: Professional Relations, INA Healthplan, Inc., 6115 North 7th Street, Phoenix, AZ 85014.

Pennsylvania licensed ob-gyn — to join established group practice in Philadelphia area. Call (215) 887-6781.

Camp physician — July/August for reputable Pennsylvania camp in the Pocono Mts. State qualifications and family accommodations needed. David Blumstein, 1410 East 24th St., Brooklyn, NY 11210; telephone (212) 377-6616.

Physician — during July and August, 1981 for children's camp located at Beach Lake, Pa., accommodates 350 campers, ages 6-16; complete modern Health Center; 2 RNs in attendance; will accept one MD for each month; no children accepted who are of

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... needed for busy 290 bed hospital with modern emergency department with 38,000 annual visits. Duties include management of Emergency Department, supervision of house physicians, rotating family practice residents in Emergency Department and EMS activities. Excellent opportunity for board certified physician with good experience and proven management expertise. Competitive salary and excellent fringe benefits. Interested candidates should send curriculum vitae, in confidence, to -

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camp age. Camp opens June 27 and closes August 21. Private room and facilities. Write to Trail's End Camp, c/o Beach Lake, Inc., 215 Adams Street, Brooklyn, NY 11201, and include your phone number.

NEEMA Emergency Medical — a professional association — Emergency medicine positions available with emergency physician group in PA, NY, NJ, VA, WVA, MD, and throughout New England, the Southeast, and the Midwest, including all suburban, rural, and metropolitan areas. Fee-for-service with minimum guarantee provided. Malpractice paid. Practice credits toward board certification. Physicians department directors also desired. Please send resume to: NEEMA Emergency Medical, Suite 400, 399 Market Street, Philadelphia, PA 19106 or phone (215) 925-3511 in PA, or 800-523-0776 outside PA.

POSITIONS WANTED

Internist — wishes to purchase general internal medicine practice in the Harrisburg area. Will also consider early partnership. Write Department 857, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Physician assistant — graduate of AMA approved program seeking position in Adams, York, Cumberland counties area. Major experience in family practice but will consider specialty position. Awaiting results of '80 PA Cert. exam. Contact: P. Filus, P.O. Box 179, Biglerville, PA 17307.

CONTINUING EDUCATION

Post-Graduate Course in Bronchoesophagology — Temple University (Chevalier Jackson Clinic), April 6th-10th, 1981. Drs. Charles M. Norris, Gabriel F. Tucker, Jr., John A. Tucker, Bernard R. Marsh, and Myles G. Turtz. For further information, write to: Chevalier Jackson Clinic, Temple University Hospital, 3401 N. Broad St., Philadelphia, PA 19140.

Program: Pediatric Update 1981 — Sponsor: Department of

Pediatrics, Long Island Jewish-Hillside Medical Center, New Hyde Park, NY. Location: Marbella, Spain, on the Costa del Sol. Dates: February 28-March 8, 1981. Credits: 20 credits AMA Category I, 20 credits LCCME. Faculty: International faculty includes Professor Victor Dubowitz, London, England; Professor John O. Forfar, Edinburgh, Scotland; Professor Walter H. Hitzig, Zurich Switzerland; Professor Ettore Rossi, Bern, Switzerland; Professor R. Zetterstrom, Stockholm, Sweden. Tuition: \$185; \$315 MAF (full American breakfast and dinner). Information: Continuing Education Coordinator, Long Island Jewish-Hillside Medical Center, New Hyde Park, NY 11042; (212) 470-2114.

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Family practice — Combine your office and your home into this desirable doctor's house. Inside, a master bedroom suite with built-ins, with 3 additional bedrooms, 2½ baths, living room, dining room, family room, modern kitchen, and an attached office suite which was built originally with the house. Inexpensive heating + central air conditioning - located on a nice size lot with an in-ground Anthony pool just 5 mins. from King of Prussia in Audubon. Metric Realty/Valley Forge (215) 337-0840.

MISCELLANEOUS

Medical records administrator — Wernersville State Hospital has immediate opening for a medical records administrator. Must have attained or be eligible for designation as R.R.A. Excellent salary. Full benefits and retirement. Hospital is located 10 miles west of Reading, Pa. Write or call Personnel Director, Wernersville State Hospital, Wernersville, PA 19565; (215) 678-3411. An E.O.E.

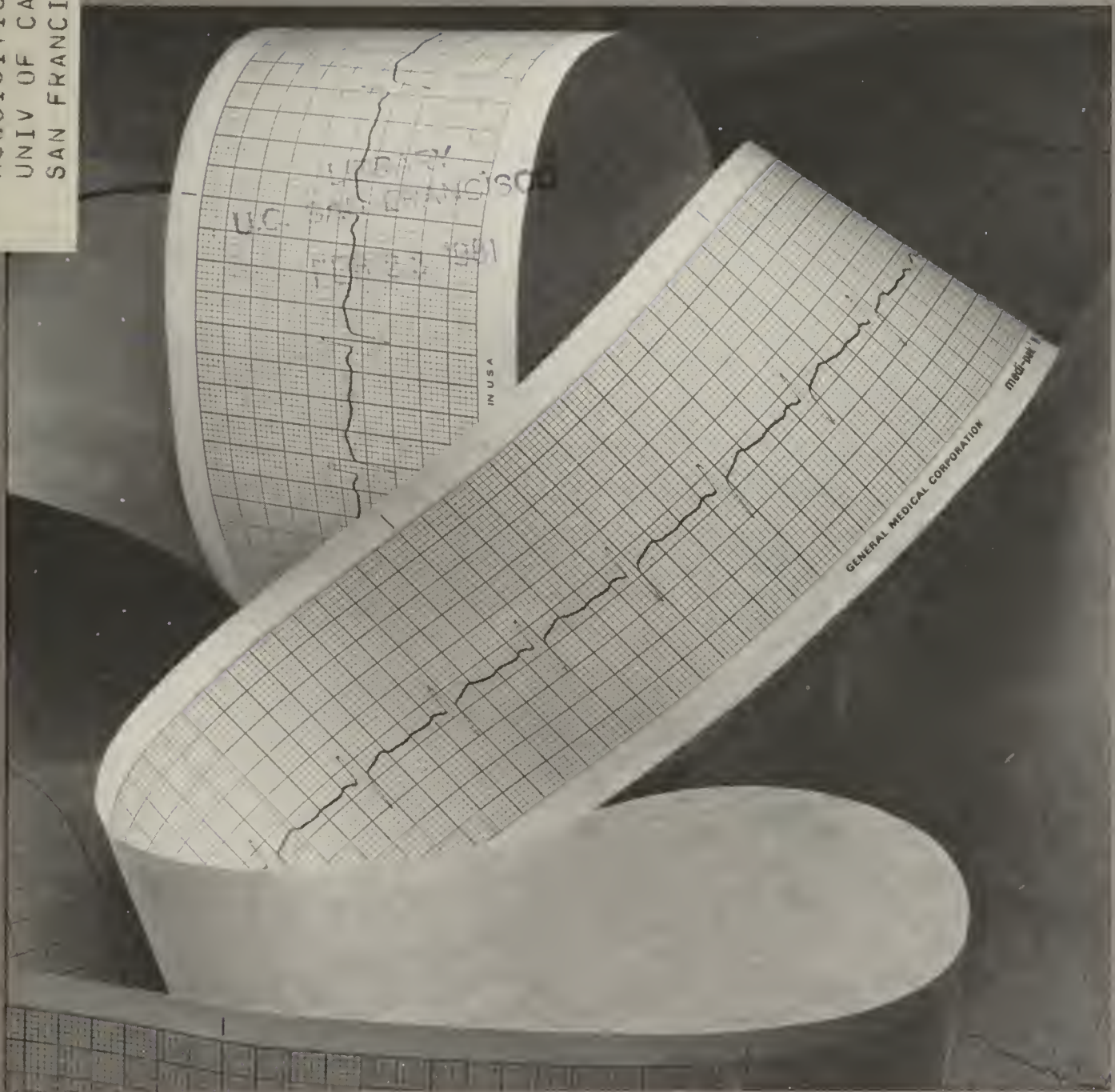
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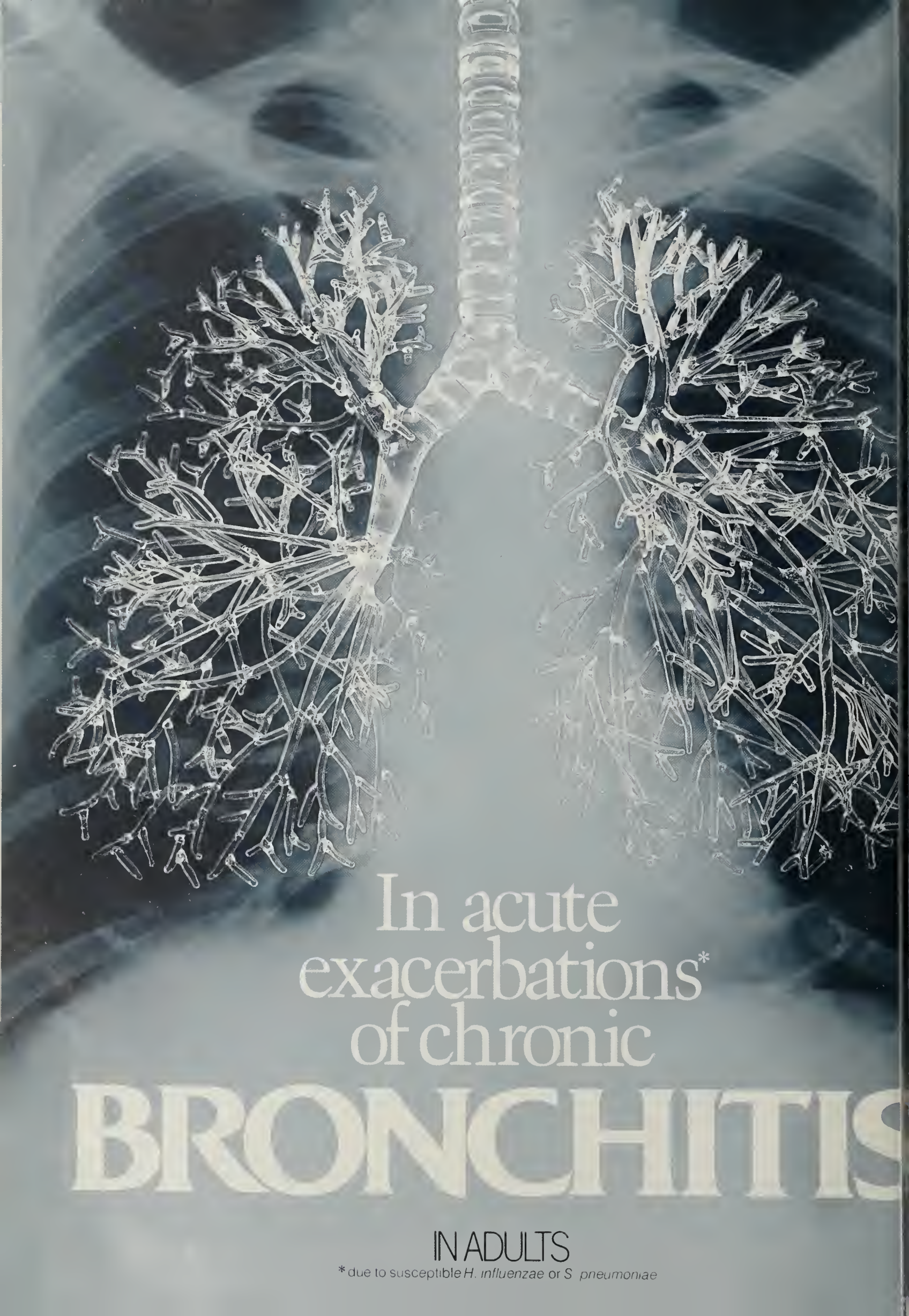
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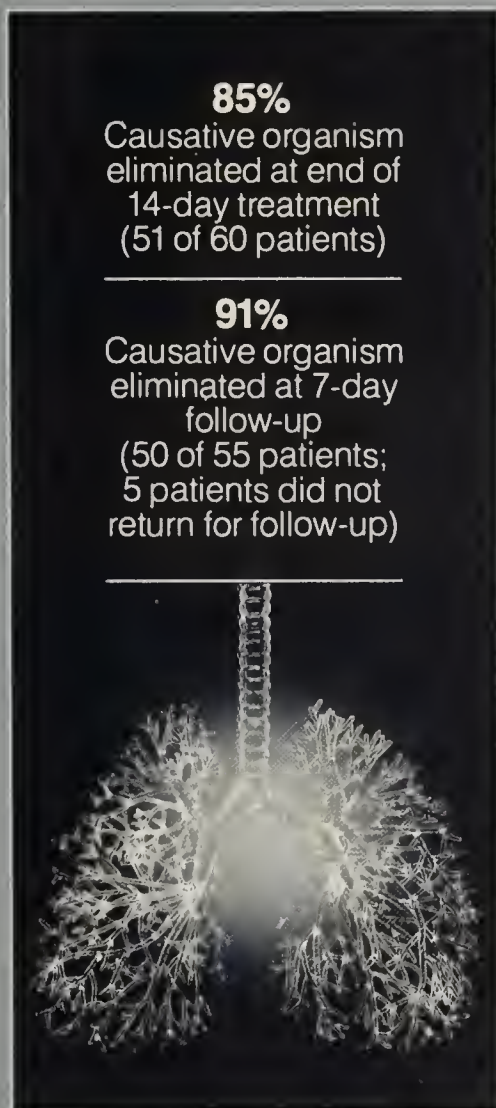
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LOWER RESPIRATORY

acute
exacerbations
of chronic
bronchitis
in adults
—documented
Pneumocystis
carinii
pneumonitis



GENITO- URINARY

recurrent
urinary tract
infections



GASTRO- INTESTINAL

shigellosis

Before prescribing, please consult complete product information summary of which follows:

Indications and Usage: For the treatment of urinary tract infections due to susceptible strains of the following organisms: *Escherichia coli*, *Klebsiella-Enterobacter*, *Proteus mirabilis*, *Proteus vulgaris*, *Shigella flexneri*, *Shigella sonnei*. It is recommended that initial episodes of uncomplicated urinary tract infections be treated with a single effective antibacterial rather than the combination. *Note:* The increasing frequency of organisms limits the usefulness of all antibacterials, especially in the treatment of urinary tract infections.

For acute otitis media in children due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when physician's judgment it offers an advantage over other antimicrobials, clinical information presently available on effectiveness of treatment with Bactrim when infection is due to ampicillin-resistant *Haemophilus influenzae*. To date, there are limited data on the repeated use of Bactrim in children under two years of age. Bactrim is not indicated for prophylactic or prolonged administration at any age.

For acute exacerbations of chronic bronchitis in adults due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over a single antimicrobial agent.

For enteritis due to susceptible strains of *Shigella flexneri* or *Shigella sonnei* when antibacterial therapy is indicated.

Also for the treatment of documented *Pneumocystis carinii* pneumonia. To date, this drug has been tested only in patients 9 months of age who were immunosuppressed by cancer therapy.

Contraindications: Hypersensitivity to trimethoprim or sulfonamides; nursing mothers; infants less than two months of age.

Warnings: BACTRIM SHOULD NOT BE USED TO TREAT STREPTOCOCCAL TONSILLITIS. Clinical studies show that patients with group A β -hemolytic streptococcal tonsillitis have higher incidence of bacteriologic failure when treated with Bactrim than do those treated with penicillin. Deaths from toxicity reactions, agranulocytosis, aplastic anemia and other blood dyscrasias have been associated with sulfonamides. Experience with trimethoprim is limited but occasional interference with hematopoiesis has been reported. An increased incidence of thrombopenia with purpura in elderly patients receiving diuretics, primarily thiazides. Sore throat, fever, pallor, purpura or other early signs of serious blood disorders. Frequent CBC's are recommended. Therapy should be discontinued if a significantly reduced count of a blood element is noted.

Precautions: Use cautiously in patients with impaired renal function, possible folate deficiency, severe allergy or bronchospasm. Patients with glucose-6-phosphate dehydrogenase deficiency may develop hemolytic anemia. During therapy, maintain adequate fluid intake and perform frequent urinalyses, with careful examination, and renal function tests, particularly where there is impaired renal function. Bactrim may prolong prothrombin time in patients receiving warfarin; reassess coagulation time when administering to these patients.

Adverse Reactions: All major reactions to sulfonamides and trimethoprim are included, even if not reported with Bactrim. *Blood:* Agranulocytosis, aplastic anemia, megaloblastic anemia, thrombocytopenia, hemolytic anemia, purpura, hypoprothrombinemia, methemoglobinemia. *Allergic reactions:* Erythema multiforme, exfoliative dermatitis, urticaria, serum sickness, pruritus, exfoliative dermatitis, anaphylactic reactions, periorbital edema, conjunctival and scleral injection, sensitization, arthralgia and allergic myocarditis. *Gastrointestinal reactions:* Stomatitis, nausea, emesis, abdominal pains, hepatitis, diarrhea and pseudotumor cerebri. *CNS reactions:* Headache, peripheral neuritis, mental depression, convulsions, ataxia, hallucinations, dizziness, vertigo, insomnia, apathy, fatigue, muscle weakness and nervousness. *Miscellaneous reactions:* Drug fever, chills, toxic nephropathy and anuria, periarthritis nodosa and L.E. phenomenon. Due to chemical similarities to some goitrogens, diuretics (acetazolamide, thiazides), oral hypoglycemic agents, sulfonamides have caused rare instances of hypothyroidism, diuresis and hypoglycemia in patients; cross-sensitivity with these drugs may exist. In rats, long-term therapy with sulfonamides has produced thyroid adenomas.

Dosage: Not recommended for infants less than two months of age. **URINARY TRACT INFECTIONS AND SHIGELLOSIS IN ADULTS AND CHILDREN:**

ACUTE OTITIS MEDIA IN CHILDREN: Adults: Usual adult dosage for urinary tract infections — 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 10-14 days. Use identical daily dosage for 5 days for shigellosis.

Children: Recommended dosage for children with urinary tract infections — 8 mg/kg trimethoprim and 40 mg/kg sulfamethoxazole in two divided doses for 10 days. Use identical daily dosage for 5 days for shigellosis.

For patients with renal impairment: Use recommended dosage regime if creatinine clearance is above 30 ml/min. If creatinine clearance is between 15 and 30 ml/min, use one-half the usual regimen. Bactrim is not recommended if creatinine clearance is below 15 ml/min.

ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS IN ADULTS: Usual adult dosage: 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 14 days.

PNEUMOCYSTIS CARINII PNEUMONITIS: Recommended dosage: 20 mg/kg trimethoprim and 100 mg/kg sulfamethoxazole in two divided doses every 6 hours for 14 days. See complete product information for suggested children's dosage table.

Supplied: Double Strength (DS) tablets, each containing 160 mg trimethoprim and 800 mg sulfamethoxazole, bottles of 100; Tel-E-Dose[®] packages of 100; Paks of 20 and 28. Tablets, each containing 80 mg trimethoprim and 400 mg sulfamethoxazole — bottles of 100 and 500; Tel-E-Dose[®] packages of 100; Paks of 40. Pediatric Suspension, containing in each teaspoonful (5 ml) 40 mg trimethoprim and 200 mg sulfamethoxazole; cherry flavored — 16 oz (1 pint). Suspension, containing in each teaspoonful (5 ml) the equivalent of 40 mg trimethoprim and 200 mg sulfamethoxazole, fruit-licorice flavored — 16 oz (1 pint).

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SETS HEARING DATE
VS. MEDICAL BOARD

Commonwealth Court has set February 10 for a hearing in the State Society's suit against the State Board of Medical Education and Licensure and the Commissioner of Professional and Occupational Affairs. PMS and President Elect Raymond C. Grandon, MD, filed suit December 3, asking Commonwealth Court to determine whether or not the \$50 biennial license renewal fee is fair and reasonable, in view of the medical board's excessive reserves. President Leroy A. Gehris, MD, advised Society members to pay the fee by January 31, 1981, but to indicate payment was made under protest. Receipt of the current \$50 fee will bring the reserves of the state medical board to well over \$5 million. The board spends less than \$1 million a year in fulfilling its obligation to police the medical profession and enforce the Medical Practice Act. In view of that, the Society contends that the \$50 fee is unjustified. The suit also charges the medical board with failure to prepare and adopt a work plan and budget to justify the fees it sets.

SITE VISIT
IBUNAL DATA

Henry H. Fetterman, MD, chairman of the Society's ad hoc committee on amendments to Act 111, led a group to Boston in January for a status report on the Massachusetts tribunal system for screening malpractice suits. They met with representatives of the state's Joint Underwriting Association, the legislature, and the Massachusetts Medical Society. The State Society plans to propose a tribunal system similar to that in the Bay State to replace Act 111's arbitration system, which was declared unconstitutional by the Pennsylvania Supreme Court last fall.

SEVERELY LIMIT
PAID ABORTIONS

Payment for abortions under Pennsylvania's Medical Assistance (MA) Program has been limited severely with the January 3 publication in the Pennsylvania Bulletin of new regulations governing payment for abortions. MA payment is possible only for abortions where (1) the physician has given written certification that the mother's life would be endangered if the fetus were carried to full term, or (2) the mother was a victim of rape or incest which was promptly reported to police or the public health service. The new regulations become effective only after MA recipients are notified of the change. The target date is February 15. Last year the state paid \$2.9 million for 10,300 abortions.

ICAL SUCCESS STORIES
MPAC, AMPAC REPORTS

The Pennsylvania Medical Political Action Committee has reported an 86 percent success rate in its support of candidates in the 1980 election. PaMPAC supported 214 candidates, of whom 184 were victorious. The American Medical Political

Action Committee (AMPAC) supported 432 candidates for U.S. House and Senate, 385 for the House and 47 for Senate. The AMPAC success rate was 81 percent. Money from the voluntary contributions of physicians. Cand support from PaMPAC exceeded \$198,000 in 1980. Pa contributors have begun to receive Legislative Bulletin PaMPAC Briefs. The newsletter covers legislative even interest to medicine and is published weekly when the lature meets.

MALPRACTICE REPORT SHOWS AWARDS UP 69%

The 550-page report of the National Association of Insurance Commissioners, (NAIC) published in December 1980, shows average malpractice award jumped 60 percent between 1975 and 1978, from \$26,700 to \$45,200. An even higher increase of 73 percent, is seen in the cost of defending against a claim. The report is a detailed analysis of 72,000 claims filed throughout the country between 1975 and 1978. It is the first, and because of cost, may be the last such comprehensive summary ever undertaken. NAIC has copies of the report available for \$200. NAIC is located in Brookfield, Wisconsin.

ARBITRATION OFFICE SUGGESTS LOWER FEE

The \$25 fee physicians pay each year to support Act 111' Arbitration Panels for Health Care may be lowered. Administrator Arthur S. Frankston has recommended to the governor and the legislature that his office can operate on less money since arbitration in malpractice cases is now voluntary as a result of the Supreme Court Decision in the case of Mattos vs. Thompson. Frankston recommends that the fee for health care providers may be suspended or reduced at the discretion of the administrator. The case load of the panels has dropped dramatically as parties to some 3,000 per cent of cases moved them out of arbitration and into the county courts. As of December 10, 1980, there were 2,092 elections to complete the arbitration process voluntarily. A detailed article will appear in the March issue.

CORNERSTONE PLACED IN HEADQUARTERS EXPANSION

The cornerstone of the expansion of PMS headquarters was laid in a ceremony during the February 4 meeting of the Board of Trustees. The PMS Liability Insurance Company is expected to move into the new section on or about March 1, 1981. Dedication of the wing will be held during the 1981 Off-ice Conference April 22-23 at the Penn Harris Motor Inn and away from Society headquarters.

PMS CREDIT UNION RAISES INTEREST

The Board of Directors of the Society's Credit Union voted in December to increase interest on loans from 12 to 14 percent annually. The new rate will be effective late January. The action follows a period of rising interest rates in the market place and an all time high in the prime interest rate. The board also voted a 4 percent dividend on loan delinquency. A stricter loan policy was adopted to prevent future delinquencies. The Credit Union ended 1980 with a membership of 897 and a share balance of \$266,000. The 1981 goal is a membership of 1,200 and assets of \$340,000.

Pennsylvania Medicine

**Pennsylvania
Medicine**



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editorial

Paying for the care of the poor

A patient was admitted to the hospital with the diagnosis of acute alcohol intoxication, a condition which can result in death. Less than 24 hours later, this same patient discharged himself against medical advice from the hospital. The result? Medicaid denied payment for the admission based upon the ruling of nonpayment for one-day, inpatient stays.

A hospital operating at 95 percent occupancy rate and claiming the lowest operating expense of any other teaching hospital of comparable size in downstate New York is going bankrupt. Blamed are the government's medicare and medicaid payment policies. Medicaid eligibility levels are said to be too low for many working poor who cannot afford other health insurance. The result? The hospital must provide free care.

In addition to the burden caused by reimbursements which are lower than operating costs, hospitals must provide documentation, often in the form of entire medical records, to receive payment. Hospitals can refuse to comply with these time consuming and costly demands. The result? Payment is denied for failure to send the specified material. The game is made more interesting by constant rule changes implemented by the Department of Public Welfare.

And hospitals are not the only ones having financial difficulty with medicaid. Pennsylvania physicians receive the lowest Medical Assistance office visit reimbursement *in the country*. In a study conducted for the Pennsylvania Medical Society and published in *PENNSYLVANIA MEDICINE* in June 1979, Management Consulting for Professionals estimated that for Pennsylvania physicians, "\$6.97 should be considered the absolute minimum for the out-of-pocket expense incurred by physicians in seeing Medical Assistance patients. At the current \$6.00 reimbursement rate, almost \$1.00 is totally unreimbursed." In fairness, it should be noted that the MA reimbursement rate is currently \$8.00 for an office visit, but equipment and supplies are commensurately higher as well.

Caught in the middle of this nightmare is the patient. Hospitals receiving funds through the Hill-Burton Act must admit and provide care for medicaid patients or violate the community services provision of that act. Carried to the logical extreme, medicare and medicaid could destroy our hospitals, especially those in large cities.

Many nursing homes do not want to accept medicaid patients because of below cost reimbursements and impossibly large amounts of paperwork necessary to collect payment. The result is that many hospitals are housing, at substantial loss, chronic care patients in acute care beds because of the inability to secure nursing home beds.

Physicians do not like to accept medical assistance patients since the payment allowance is, in many cases, below operating costs and additional care that may be medically necessary is totally unreimbursed.

The new Reagan administration opposes government involvement in medicine and promises increased emphasis on the private sector. President Reagan has been quoted as saying, "Additional controls are not the primary answer. Freeing doctors and hospitals from the stranglehold of an expensive, often contradictory and arbitrary flow of regulations from Washington is."

The medicare and medicaid programs seem destined for review and major overhaul. Attention should be directed to making reimbursement policies more equitable. Comparable services should be more clearly defined. Payment should be at a level that prevents the bankruptcy of our hospitals and repays physicians, at least at cost, for providing medical assistance patient visits.

If it appears that the price tag will continue to be high, then the new administration ought to involve the private medical sector in identifying the problems and hammering out solutions. Those services that can be provided for a reasonable cost should be continued and those that cannot should be promptly scrubbed.

President Reagan has proposed increased competition as an effort to reduce government involvement. What this might mean in terms of the medicaid program remains to be seen. Prepaid health plans or HMOs have been suggested as replacements.

Whatever the changes, the new administration holds promise and hope of less centralized government control. And for medicine, it will be a welcome relief as well as an ambitious challenge.

David A. Smith,
Medical Editor

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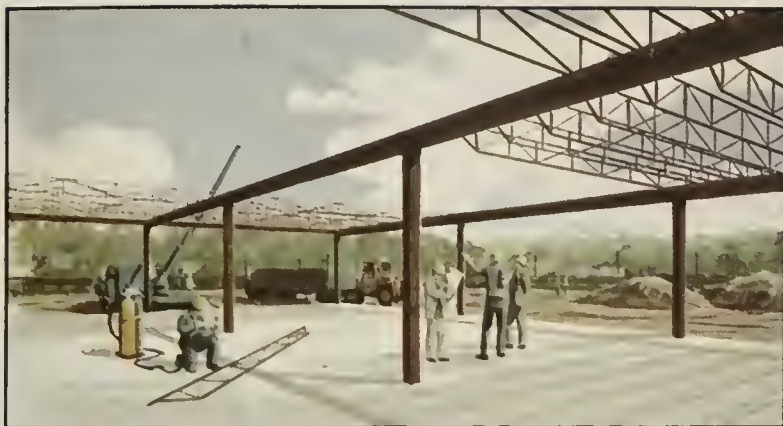
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*

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This drug is not indicated for initial therapy of edema or hypertension. Edema or hypertension requires therapy titrated to the individual. If this combination represents the dosage so determined, its use may be more convenient in patient management. Treatment of hypertension and edema is not static, but must be reevaluated as conditions in each patient warrant.

Contraindications: Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. **Associated widened QRS complex or arrhythmia requires prompt additional therapy.** Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, throm-

bocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Watch for signs of impending coma in severe liver disease. If spironolactone is used concomitantly, determine serum K⁺ frequently, both can cause K⁺ retention and elevated serum K⁺. Two deaths have been reported with such concomitant therapy (in one, recommended dosage was exceeded, in the other serum electrolytes were not properly monitored). Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic anemia have been reported with thiazides. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effect may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with

possible metabolic acidosis. Dyazide[®] interferes with fluorescent measurement of quinidine. Hyperkalemia, although uncommon, has been reported. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and Dyazide[®] if laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilute hyponatremia. Serum PBI levels may decrease. Watch for signs of thyroid disturbance. Calcium excretion is decreased by thiazides. Dyazide[®] should be drawn before conducting tests for parathyroid function.

Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, urticaria, photosensitivity, purpura, other dermatological conditions; nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances. Necrotizing vasculitis, paresthesias, icterus, creatinuria, xanthopsia and, rarely, allergic pneumonitis have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components.

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Planning, competition subjects of 1981 Officers' Conference

A political satirist, the presidents of the State Society and the AMA, and a physician well known for his interest in health planning headline the program of the Society's 1981 Officers' Conference at the Penn Harris Motor Inn, Camp Hill, April 22 and 23.

James Kimmey, MD, director of the Institute for Health Planning, a private consulting organization, will deliver the Donaldson Memorial Lecture. Currently president of the American Association of Health Planners, Dr. Kimmey will speak on competition and planning in the health care field.

Dan Ruskin, actor and comedy writer, will provide entertainment at the dinner on the evening of April 22. Ruskin's versatility has enabled him to experience a variety of activities in the entertainment field—from teaching drama at Clarke College to playing summer stock. He has credits as a playwright, composer, and director, as well as actor, and holds both master of arts and master of fine arts degrees. Perhaps his best known works are anonymous because he invents material for well known comedians and satirists.

Leroy A. Gehris, MD, State Society president, will deliver a presentation in PMS today, a status report on current activities.

AMA President Robert B. Hunter, MD, will discuss the national issues facing organized medicine.

John W. Burnside, MD, professor of medicine and chief of internal medicine at the Pennsylvania State University College of Medicine at Hershey, will speak on the year he spent in Capitol Hill in Washington, D.C., as a Robert Wood Johnson fellow. Dr. Burnside completed the fellowship in August 1980. Some of his observations appeared in an article by him in the October 1980 *PENNSYLVANIA MEDICINE*.

Gordon K. MacLeod, MD, former secretary of health in the Thornburgh administration and professor and

chairman of the Department of Health Services Administration at the University of Pittsburgh Graduate School of Public Health, will be the speaker at the Society's Annual Prayer Breakfast. Sponsored by the Commission on Medicine, Religion, and Bioethics, the prayer breakfast will occur on Thursday morning, April 23.

Rounding out the two days of leadership instruction will be



MR. RUSKIN



DR. BURNSIDE

presentations by the Councils on Health Planning and Facilities and Member Services. An optional negotiating seminar cosponsored by the American Medical Association and PMS will be available the afternoon of April 23. It will carry Category I credit, and will require separate registration.

Again this year those invited to Officers' Conference as guests of PMS include county society and specialty society representatives and presidents of hospital medical staffs.

Members of the Officers' Conference Committee are: Drs. David L. Miller (chairman), John H. Boal, Jr., Paul F. Kase, William D. Lamberton, Wallace G. McCune, Joseph M. Stowell, and Leroy A. Gehris.

Second world congress on disaster medicine

The Second World Congress on Emergency and Disaster Medicine will meet May 31 - June 3, 1981 at the Pittsburgh Hilton Hotel. The conference is sponsored by the Club of Mainz for Emergency and Disaster Medicine Worldwide and the Resuscitation Research Center at the University of Pittsburgh School of Medicine.

The objectives of the conference are to facilitate resuscitation in everyday emergencies and in mass disasters throughout the world, to foster communication among individuals and organizations with experience in emergency medical services and disaster medicine, and to promote research.

Cardiopulmonary-cerebral resuscitation, emergency care measures, emergency medical services, air rescue, disaster relief organizations, and priorities for third world countries are the general topics on the program.

For more information, contact the Division of Continuing Education, 1022 Scaife Hall, University of Pittsburgh School of Medicine, Pittsburgh, PA 15261; telephone (412) 624-2653.

1980 revision of AMA code reflects changing society

Michael P. Levis, MD

At the annual meeting of the AMA House of Delegates in July 1980, a revised code of medical ethics was approved. It seems worthwhile at this time to consider some background involved in this decision.

A code of ethical behavior for physicians has existed since Hammurabi in 2500 B.C. In the 5th Century B.C. the Hippocratic Oath was widely accepted

as a standard of ethical behavior and was accepted until 1803 when Thomas Percival devised the first detailed codification of medical ethics. In 1847 the American Medical Association was formed. At the inaugural meeting it accepted the Percival Code as the official ethical code for the organization. This code remained in effect until mid-20th century with substantial re-

visions in 1903, 1912 and 1947. In 1957, a major revision of the principles of medical ethics was accomplished and the ethical guidelines were reduced to a preamble and 10 principles. That revision has been in effect until the present principles were adopted this summer.

In 1977 the Judicial Council of the AMA proposed revision of the 10 principles for the stated purpose of modernizing the language, eliminating reference to gender, and reaching an appropriate stance between professional principles and contemporary society. At that time the House of Delegates deferred positive action and requested an ad hoc committee to consider further revisions of current ethical principles. This committee comprised of eight physicians, was appointed by the Speaker of the House of Delegates. Now the committee and the House of Delegates have worked very hard for the past two years to produce the current statement.

In its deliberations this committee reviewed several considerations which seemed to indicate changes in medical principles.

The first consideration was societal change. With increased consumer agitation and with the licensing and utilization of increasing numbers of limited license practitioners, it was obvious that the medical profession is no longer considered by the public to be the sole guardian of the public health. Limited license practitioners are a fact of life and we as an organization cannot abridge their legal rights.

A second consideration was the rapid expansion of a varied delivery system for health care and the disruption in the traditional methods of practice and compensation. All of these developments will require a continuing

Principles of Medical Ethics

Preamble

The medical profession has long subscribed to a body of ethical statements developed primarily for the benefit of the patient. As a member of this profession, a physician must recognize responsibility not only to patients, but also to society, to other health professionals, and to self. The following Principles adopted by the American Medical Association are not laws, but standards of conduct which define the essentials of honorable behavior for the physician.

- I. A physician shall be dedicated to providing competent medical service with compassion and respect for human dignity.
- II. A physician shall deal honestly with patients and colleagues, and strive to expose those physicians deficient in character or competence, or who engage in fraud or deception.
- III. A physician shall respect the law and also recognize a responsibility to seek changes in those requirements which are contrary to the best interests of the patient.
- IV. A physician shall respect the rights of patients, of colleagues, and of other health professionals, and shall safeguard patient confidences within the constraints of the law.
- V. A physician shall continue to study, apply and advance scientific knowledge, make relevant information available to patients, colleagues, and the public, obtain consultation, and use the talents of other health professionals when indicated.
- VI. A physician shall, in the provision of appropriate patient care, except in emergencies, be free to choose whom to serve, with whom to associate, and the environment in which to provide medical services.
- VII. A physician shall recognize a responsibility to participate in activities contributing to an improved community.

Dr. Levis is vice president of the Pennsylvania Medical Society, a Pennsylvania delegate to the AMA House of Delegates, a chairman of the Board of Directors of the American Medical Association Political Action Committee. The article first appeared in the Allegheny County Medical Society's Bulletin.

Allegheny CMS installs officers, presents awards

James R. Dornenburg, MD, was installed as the 116th president of the Allegheny County Medical Society at its annual dinner on January 17, 1981, at Carnegie Music Hall, Oakland.

Dr. Dornenburg is a board certified surgeon and a fellow in the American College of Surgeons. He is a member of Pennsylvania Blue Shield and Allegheny Professional Standards Review Organization (APSRO). He was board chairman of APSRO for 6 years.

Born in Carnegie, Dr. Dornenburg received his medical degree from the University of Pittsburgh. He was an intern and resident at The Mercy Hospital of Pittsburgh. He now is affiliated with Columbia and East Suburban hospitals, and maintains a private practice in Penn Hills. He is a delegate to the Pennsylvania Medical Society and is active in the American Medical Association.

Other physicians who assumed office with Dr. Dornenburg are Abraham J. Twerski, president elect, a psychiatrist; Ralph Gaudio, Jr., first vice president, an internist; Daniel H. Brooks, secretary, a general, thoracic, and vascular surgeon; and H. Lee Jameshek, treasurer, an internist and hematologist.

Lawrence D. Ellis, MD, received the Frederick M. Jacob Physician Merit Award for outstanding service to the

Allegheny County Medical Society. Dr. Ellis is a member of the society's board of directors and had been its president in 1976.

Joseph S. Corba, MD, a general practitioner in Dormont for more than 40 years, received the Nathaniel Bedford Award for long-term dedication to



DR. DORNENBURG

patient needs, both physical and psychological, by a primary care physician.

Two awards were given to lay individuals who demonstrated extraordinary efforts to advance public health. Willie Stargell, captain of the Pittsburgh Pirates, devotes personal effort to the cause of sickle cell anemia through The Willie Stargell Foundation, a fund raising, supporting arm of the Sickle Cell Society. He received the society's Benjamin Rush Individual Award.

Mrs. Margaret C. Albert, director of

public information at the Urban League of Pittsburgh, received the Harold B. Gardner Citizen's Award. Mrs. Albert is a member of the board of directors of the Pennsylvania Medical Care Foundation.

Anesthesiologists plan May annual meeting

The Pennsylvania Society of Anesthesiologists will meet May 1-3, 1981 at the Valley Forge Hilton Hotel, King of Prussia.

The scientific session of the annual meeting will focus on "Complications in the Practice of Anesthesiology." Guest speakers will include Robert F. Bedford, MD, Charlottesville, Virginia; John Hedley-White, Boston; and J. Early Wynands, MD, Montreal.

Society members D. Ryan Cook, MD, Stephen J. Prevostnik, MD, and Paul J. Schaver, MD, will participate in a panel discussion of malpractice and government regulation with Leonard C. Homer, Esq., the society's legal counsel, and Rochelle Z. Hirsh, Esq.

County brochure wins award

The Allegheny County Medical Society brochure, "We're here to help you," was named an award winner in recent competition of the Pittsburgh Society of Association Executives.

The brochure describes the public services of the county medical society, including the referral service, speakers bureau, and the Allegheny County Medical Society Foundation. It is distributed to the public by Welcome Wagon, through the mail, and in physicians' offices.

AMA code reflects changing society

accommodation by the profession in order to serve the best interests of patients and society.

The third consideration was a legal one. In recent years professional freedom has been curtailed to some degree by the law, hopefully for the common good. Not all of these changes have been to our liking and we have not been completely successful in effecting

a legal notification of these unpleasant changes. In these instances we have a responsibility to conform to the law until such time as a modification can be accomplished.

Traditionally, the focus of the medical profession has been on the patient above all else. Now legitimate challenges to this focus have been raised not to displace the patient but to add

additional concerns as well. Any statement of medical ethics must clearly speak to and for the patient. No one should expect any principles of medical ethics to stand immutable forever, but by responding in a consistent fashion to a rapidly expanding and changing society our profession can most clearly demonstrate our commitment to our patients.

in my opinion

Golden opportunity of new administration

A Republican health policy group recently sent President Ronald Reagan's transition team 30 pages of recommendations for methods to streamline the way federal medical dollars are spent. The idea, of course, is that money thus saved could be used to provide better and broader coverage. These recommendations are supported by several hundred pages of documentation.

We can comment only on the synopsis of the recommendations that appeared in the newspapers. All of them seem worthwhile, yet there are others that were not mentioned that are extremely important. It may be well that these areas were covered in the original recommendations. If not, it is hoped that Dr. William B. Walsh, chairman of the 18-member health policy group, and the transition team will give serious consideration to asking the new administration to embrace these concepts.

The recommendations that were mentioned are listed below, followed by a brief comment.

1. *Re-examine the \$1.25 billion kidney dialysis programs, "to determine if the benefits could be provided less expensively."* Originally, this program was to be provided for 15,000 patients at a cost of \$250 million. Now, upwards of 50,000 patients are being covered and it will cost five times as much as initially planned. There is an extremely high suicide rate in the program and a full scale revision should definitely be considered.

2. *Study the Professional Standard Review Organization (PSRO) now costing \$173 million annually.* It is suggested that perhaps state groups may take over these programs. Despite a number of serious complaints about the program, on balance, it has forced hospitals and physicians to take a critical look at their utilization.

3. *Determine if "the function of the Health Systems Agency (HSA), a \$200 million a year planning agency, could be better performed by state groups."* Initially, the planning was to be based locally and directed to improve the quality of health care. At present, the HSAs tend to overemphasize procedural and regulatory activities rather than the quality of care. If the HSA were locally funded, it would be more responsive to local needs and perhaps overcome one of its biggest defects.

4. *Liberalize the regulatory effects of the Food and Drug Administration to allow drugs to remain longer on patent "thus giving its investors greater profits."* This is important because in the present climate new drugs are increasingly being developed in foreign countries. It is so expensive to bring out a new drug that research in this important area is dying in this country. Moreover, something must be done about the FDA "mentality"—a mentality that persists in the view that it is better for 99 patients to die of disease than to allow one patient to die from the potential side-effects of a drug that may save the 99.

5. *Upgrade home nursing services in an effort to reduce the need for hospitalization at \$200-plus per day.* It is axiomatic that the cheapest care is rendered in a home environment. Yet the government seems to go out of its way to discourage home care. If necessary, cash payments should be made to families that elect to care for their relatives at home rather than at the expensive hospital or even the less expensive, but still costly, nursing home.

6. *"Try to draw private health insurance companies into providing coverage for medicare and medicaid recipients in an effort to stimulate competition and to save money."*

At no time has it been suggested that medicare or medicaid be curtailed or done away with - rather these programs should be made more efficient.

Three important areas that were not mentioned urgently need consideration. First is hospital reimbursement. As presently constituted, hospital reimbursement does not offer an incentive to save, but does just the opposite. It encourages wasteful spending. The more a hospital spends the more it borrows, the more money it gets for patient care since interest charges and hospital improvement are charged against patient care. What is urgently needed is a system of financial rewards for hospitals that decrease expenses.

Second is a method of reducing government regulations in hospitals. It has been reliably estimated that 25 percent of a hospital's room rate could be reduced if the government would remove these onerous, time-consuming, and costly regulations.

Thirdly, from what one reads and hears, there will be some form of catastrophic health care. This is a commendable endeavor for those patients, especially breadwinners who are stricken with a devastating and costly illness. But before we plunge into another morass like the kidney dialysis program, thorough investigation of proposed programs should be undertaken through pilot projects. Indeed any new health care program could benefit by a pilot program for a given area or state before being adopted nationally. One of the reasons programs like medicaid work so poorly is that they were poorly conceived and executed. Moreover, the Congressional system of devising a "bare bones" program and then leaving it to the bureaucrats to flesh out inevitably leads to involved, costly, and inefficient programs.

The new administration has a golden opportunity to introduce much needed reforms that will increase the efficiency, decrease the cost, and expand the coverage needed to give Americans the quality care they deserve.

Robert S. Pressman, MD
First District Trustee
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Who can afford a medical education?

When most of us entered medical school we thought of years of hard work, we worried about failing. Those of us who were women, or Jews, or blacks may have worried about quotas and we certainly worried about "doing it right" so the after-taste of our performance would be good. For many of us the intense competition for admittance that students suffer through today was unknown. If our grades were good enough we almost walked in and if our one interviewer liked us, our folders never reached a committee. We all knew that living would be pretty thin for our student years and that we would have to forego things we cherished. But among our welter of worries, tuition certainly did not top the list.

Times have changed, ladies and gentlemen, and changed with extraordinary rapidity. In 1940 tuition at Pitt was \$250 a year and living expenses were advertised in our catalogue as \$1200/year. By 1970 tuition for a Pennsylvania resident was \$710 and living was \$4000. *In 1980 this same student paid \$6200 in tuition and \$6800 for living expenses.*

I hasten to add that Pitt is not alone in its tuition charges; we are in the majority. The rare schools where tuition is still reasonable are all state schools, notably New York, Texas and California, where legislatures have consistently underwritten medical education for their residents. As I am sure you know, Pennsylvania's track record in all educational areas is abysmal and medicine is no exception.

As a result of these astronomical costs a number of things are beginning to happen. The mean debt of the class of 1980 was over \$20,000 and the maximum was \$43,000; 82% of

the class was in debt for either money or time (Armed Services, National Health Service Corps.). Those in debt for money have only a 12-month period of grace in residency programs before they must begin to repay at least interest and in some cases both capital and interest.

While residency salaries have risen markedly over the past ten years and our typical 1980 graduate will earn approximately \$16,000 in his first years, his \$20,000 debt will take more than \$3600 out of his salary; if his debt is \$40,000, more than \$7200. After residency, when he will be faced with the costs of establishing a practice and the slow income at its beginning, these amounts will nearly double because the debt must be paid off in 10 years after graduation.

I must remind you that no resident gets room and board nowadays, so he must pay for rent and food. If we estimate that living expenses for an unmarried student come to \$6800 a year it doesn't take a great deal of arithmetic skill to realize that, depending on his debt level, he will be little better off in early residency than he was as a student, and he will enter practice with a large financial albatross still around his neck.

If the student owes time, a different set of events unfolds. He may have signed up with the service in his first year when his nonspecific goal was to be a family doctor, so he chose the National Health Service Corps. But as his education progressed he found himself fascinated by surgery and he was good at it. Sorry, my boy, no surgeons in the NHSC only primary specialties for one year of residency and then you pay back your four years worth wherever you may be sent. THEN you can think about surgery and another five years of residency.

Or perhaps he had been in the ROTC and joined the Army. He has a comfortable time as a student with

Dr. Drew is associate dean for student affairs at the University of Pittsburgh School of Medicine. The article first appeared in the Allegheny County Medical Society's Bulletin.

UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE STUDENT AID HISTORY

11/13/80

CLASS OF	TUITION RES./NON-RES.	LIVING COSTS SINGLE/MARRIED	% OF STUDENTS REQUIRING AID	MEAN DEBT AT GRADUATION	HIGHEST INDIVIDUAL DEBT	YEARS IN RESIDENCY TRAINING
1940	\$250	\$1200/\$1500	INFORMATION NOT AVAILABLE			1 yr. - 3 yr.
1950	\$300	\$1500/\$1800				1 yr. - 3 yr.
1960	\$1350	\$2500/\$3000				2 yr. - 4 yr.
1970	\$710/\$1760	\$4000/\$5200	41%			3 yr. - 5 yr.
1972	\$1200/\$2400	\$4000/\$5200	52%	\$6200	\$19,050	3 yr. - 5 yr.
1976	\$2000/\$4000	\$5100/\$6900	62%	\$10,965	\$24,600	3 yr. - 6 yr.
1980	\$6200/\$8200	\$6800/\$8400	81%	\$20,000	\$43,750	3 yr. - 6 yr.
1984 (est.)	10,000 +	\$10,000 +	95%	\$40,000	\$60,000	3 yr. - 6 yr.

QUESTIONS THAT NEED ANSWERS

- 1) If you needed scholarships or loans while you were a student, how do you feel about these numbers? Would you be a student again? Would you like your son or daughter to face them?
- 2) What effect will these numbers have on specialty choices in the future?
- 3) What effect will they have on who can afford to be a medical student? Will medicine become an exclusively upper class profession?

nonthly stipend and money for textbooks but he must choose a residency in one of the Army programs unless they are overfilled (which they are not currently). Some of these are excellent, some are not. What is important is that he does not have the same choices of academic programs as does the student owing money. He CANNOT apply to Hopkins or Harvard or Stanford no matter what his qualifications if the Army wants him, and it does.

Two more things are oozing into view here and elsewhere. Over the last five years we have kept very close track of the socio-economic status of our incoming class, noting the education and employment of parents, and there has been a persistent drop each year in the number of lower-middle class students who have entered, with a concomitant rise in children of professional parents. Is medicine going to revert in the next decade to being a "gentleman's profession" because it is only within financial reach of the well-to-do?

The other disquieting trend is the increase in applications for residency training in the obviously lucrative specialties; again, this is not only visible at Pitt but at Harvard and Yale and Stanford. Part of it may be life-style rather than money (it is almost impossible to separate the two) but the trend is certain.

A recent survey of our students, conducted by students, indicated that money may well be the root. To the question, "The economic burdens I will face upon graduation will play a major role in my career choice and the location in which I choose to practice," there were five choices of answer. In the "strongly agree" column the slope of answers went inversely to class year. Only 7% of the seniors

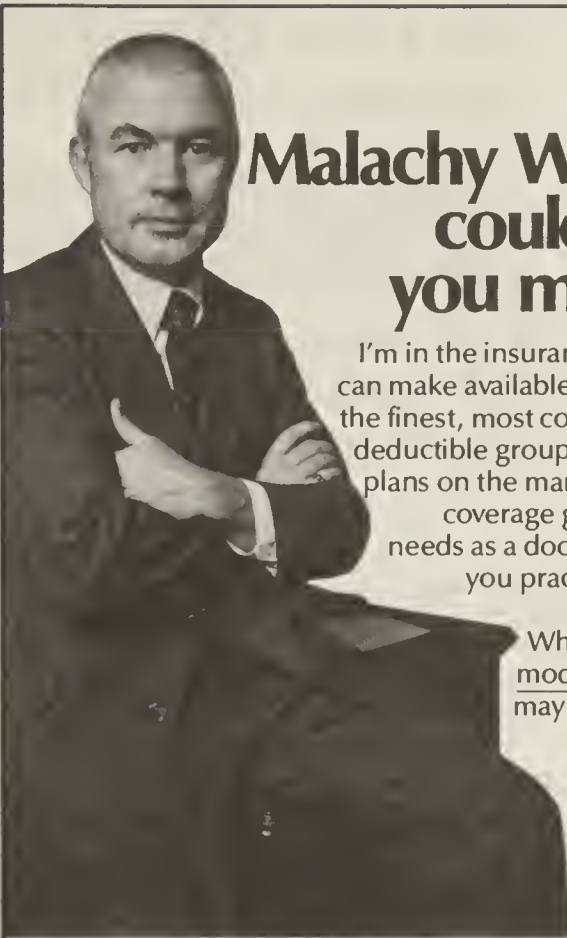
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but 40% of the freshmen “strongly agreed,” and of course the freshmen will have far greater indebtedness at graduation—we estimate that 95% will be in debt, their mean will be over \$40,000 and their maximum \$60,000.

I am a worrier. While sitting in my office the picture is bleak. I cannot imagine having a \$40,000 debt with 4 or 5 years of residency ahead of me and then, still in debt, having to face the costs of establishing a practice. In the past six months one ray of light skittered into my gloom.

Pitt is fortunate to be a member of a 13-school consortium of private medical schools, and the company is certainly the best—Case-Western Reserve, University of Chicago, Columbia, Cornell, Duke, Harvard, Hopkins, Penn, Rochester, Stanford, Washington University, and Yale. Financial aid and tuition have been repeated topics of our discussions at meetings. Through the graces of Stanford, the Kaiser Family Foundation was approached for scholarship aid.

I must mention here that over the past decade most foundations have gotten out of the scholarship business entirely; I know, because I phoned every one in Pittsburgh five years ago. Kaiser listened carefully, decided that the time had come to reverse this trend, that the risks to the medical profession were becoming too great, and so in 1980 they gave each of the consortium schools \$100,000 for scholarship monies and challenged us to raise new money in 1981 and 1982 which they would match 1 for 2 to a maximum of \$50,000 of their money and \$100,000 of ours.

The purpose of this editorial is not to raise money. The purpose is to inform you, perhaps even to warn you, of approaching storms. A number of schools already have tuition over \$10,000, one in Pennsylvania, and in the next five years most schools will get there. I cannot help but believe that this will profoundly alter who applies and then what they will do when they graduate. And I don't think it will improve the profession.

Frances L. Drew, MD
Pittsburgh

New education idea

I enjoyed the editorial, “Continuing education—pro and con,” in the December issue.

I applaud your efforts to encourage local hospitals to provide more laudable programs for their staff members—programs addressing current patient care problems and local health issues.

The mandatory education feature I would recommend is that each member of the medical staff be required to prepare one paper or case report annually to maintain hospital privileges.

If the individual is uncomfortable speaking before groups, the paper could be read for him. The paper need not meet the criteria for publication, but should illustrate a point, a case, or a problem the writer wishes to explore with his colleagues.

H.Y. Seidel, MD
Director of Medical Education
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physicians in the news

The Pennsylvania Neurological Society recently elected 1981 officers. They are **Drs. David A. Tilly**, Allentown, president; **William A. Black, Jr.**, Scranton, president elect; and **Francis K. Mainzer**, Erie, secretary treasurer.

Bijan K. Basak, MD, has authored a book entitled *Pharmacology for Anesthesiologists*, recently published by Technomic Publishing Co., Westport, Connecticut. Dr. Basak is director of the anesthesiology department and the Pain Control Clinic at Charles Cole Memorial Hospital in Coudersport.

Paul J. Fink, MD, has been elected president of the American Association of Chairmen of Departments of Psychiatry. Dr. Fink is professor and chairman of the psychiatry and human behavior department at Jefferson Medical College.

Mary S. Fisher, MD, recently was awarded the Russell P. Moses Award for excellence in clinical teaching at Temple University School of Medicine. Dr. Fisher is professor of radiology at the school.

The American Society of Clinical Pathologists named **John W. Eiman, MD**, president elect at its recent annual meeting. Dr. Eiman is director of the pathology division at Abington Memorial Hospital and visiting associate professor of pathology at the Medical College of Pennsylvania.

The Keystone Area Society of Radiation Oncologists recently elected three Pennsylvania physicians as officers. **David Beiler, MD**, Danville, was named chairman of the board; **Franco Nichini, MD**, Paoli, was elected president; and **John Clement, MD**, Danville, was elected secretary treasurer.

Allan Drash, MD, recently was elected president of the International Study Group for Diabetes in Children and Adolescents. Dr. Drash is professor of pediatrics at the University of Pittsburgh School of Medicine.

Penn Foundation for Mental Health, Sellersville, recently celebrated its 25th anniversary. Founder and medical director of the foundation **Norman L. Loux, MD**, was honored for his contribution to community mental health. The foundation's trustees created the Norman L. Loux Fund for Research and Development to perpetuate Dr. Loux's efforts in the mental health field.

Robert S. Stein, MD, has been appointed to the Governor's Council on Drug and Alcohol Abuse. Dr. Stein is director of health services at Lafayette College, medical chief for civil defense in Easton, and the physician for Northampton County Prison.

Joan Mary Roberts, MD, recently was elected president of the American College of Utilization Review Physicians. Dr. Roberts is chairman of Chestnut Hill Hospital's utilization review committee and attending physician in obstetrics and gynecology.

Joseph C. Maroon, MD, recently was elected secretary of the Congress of Neurological Surgeons. Dr. Maroon is associate professor of neurosurgery at the University of Pittsburgh and chief of the neurosurgical service at Presbyterian University Hospital.

The Radiological Society of North America recently named **Theodore A. Tristan, MD**, Camp Hill, president elect. Dr. Tristan is clinical professor of anatomy and radiology at the Pennsylvania State University College of Medicine, Hershey.

The Education and Research Fund Division of the American Foundation for Negro Affairs recently honored **Lewis W. Bluemle, Jr., MD**, as a distinguished American. Dr. Bluemle is president of Thomas Jefferson University.

Julieta D. Grosh, MD, recently became the first woman general surgeon inducted in the 100-year-old Philadelphia Academy of Surgery. Dr. Grosh is

assistant professor of surgery and acting director of trauma service at Temple University Health Sciences Center.

Two physicians on the faculty at Pennsylvania State University College of Medicine, Hershey, have been promoted to administrative positions at the medical center. **David L. Nahrwold, MD**, was named associate provost and dean for health affairs. **John W. Burnside, MD**, was named associate dean for patient care.

The American Academy of Ophthalmology, at its recent annual convention held in Chicago, awarded a prize to **David B. Soll, MD**, and his associates for their exhibit which illustrated the use of medicaments to protect endothelial cells during eye surgery. Dr. Soll is professor and chairman of the ophthalmology department at Hahnemann Medical College & Hospital, and director of the ophthalmology departments of Rolling Hill Hospital, Frankford Hospital, and the Philadelphia Geriatric Center.

Helen F. Krause, MD, recently was elected to the council and appointed director of Scientific Programs for the American Society of Ophthalmologic and Otolaryngologic Allergy. Dr. Krause is an allergist and an ear, nose, and throat specialist at Passavant Health Center.

Alexander M. Minno, MD, recently was appointed an honorary trustee of the Lahey Clinic Foundation in Burlington, Mass. Dr. Minno is clinical assistant professor in medicine at the University of Pittsburgh, and is on the staffs of Presbyterian University, Allegheny General, and Magee Womens hospitals.

John Henthorne, MD, and **Ralph Markley, MD**, recently received 50-year awards from the Pennsylvania Medical Society. Dr. Henthorne is a pathologist practicing in West Virginia and Dr. Markley is an orthopedic surgeon practicing in Lawrence County.



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obituaries

• *Indicates PMS membership at time of death*

• **Ann Catherine Arthurs**, Glen Mills; Women's Medical College of Pennsylvania, 1925; age 91, died December 1, 1980. Dr. Arthurs had been professor of otolaryngology at Women's Medical College and chief of the otolaryngology department of the college's hospital, now part of the Medical College of Pennsylvania.

• **Samuel I. Askovitz**, Philadelphia; 1950; age 58.

• **Frans Jan Barends**, Camp Hill; University of Utrecht, Netherlands, 1950; age 58, died November 26, 1980. Dr. Barends had been on the teaching staff of the University of Pennsylvania and was a staff member of Polyclinic and Holy Spirit hospitals.

• **Paul Grubbs Bovard**, Tarentum; Northwestern University Medical School, 1926; age 82, died November 16, 1980. Dr. Bovard was a specialist in radiology and industrial medicine. He was a past president of Allegheny County Medical Society and a member of its board of trustees and the State Society's board.

• **J. James Brenneman**, Belleville; University of Nebraska College of Medicine, 1941; age 69, died December 4, 1980. Dr. Brenneman had been a general practitioner in Belleville for 32 years. He was on the attending staff of Lewistown Hospital and was a past president of Mifflin-Juniata County Medical Society.

• **Donald Riddle Buxton**, Camp Hill; University of Pennsylvania School of Medicine, 1936; age 71, died November 29, 1980. Dr. Buxton practiced general family medicine in Elizabethville for 40 years. He was medical director of Tressler Lutheran Homes.

• **George W. Chamberlin**, Sun City, Arizona; University of Pennsylvania School of Medicine, 1932; age 75, died December 18, 1980. Dr. Chamberlin was the former director of Reading Hospital's radiology department. He established an accredited school for radiological technicians at the hospital and founded a training program for residents in radiology. He was a past president of the Pennsylvania Radiological Society.

• **Neil Harrison DeLozier**, Duncansville; Temple University School of Medicine, 1964; age 41, died December 13, 1980. Dr. DeLozier was on the Altoona Hospital staff and was medical director at Valley View Home. He was speaker of the House of Delegates of the Pennsylvania Academy of Family Physicians.

• **Albert H. Gabriel**, Plymouth; University of Pennsylvania School of Medicine, 1920; age 87, died November 26, 1980. Dr. Gabriel was on the medical and surgical staff at Mercy Hospital in Wilkes-Barre.

• **James Gerard Galante**, Forty Fort; Creighton University School of Medicine, Omaha, Nebraska, 1958; age 47, died November 30, 1980. Dr. Galante was on the board of directors of the Luzerne County Medical Society from 1974-76 and in 1977 was the society's president elect.

• **Robert P. Gerhart, Jr.**, Blakeslee; Jefferson Medical College, 1951; age 60, died November 17, 1980. Dr. Gerhart was on the staffs of Abington Memorial, Jeanes, and Holy Redeemer hospitals.

• **Manuel Gutman Gichner**, Newmanstown; Johns Hopkins University School of Medicine, 1920; age 84, died December 6, 1980. Dr. Gichner had been the pathologist at Canonsburg General and Connelville hospitals.

• **Ernest P. Gigliotti**, Punxsutawney; Hahnemann Medical College, 1933; age 74, died November 20, 1980. Dr. Gigliotti was a general practitioner and orthopedic specialist in his hometown. He served as a board member of the Allegheny Mountain Heart Association for 40 years and was a charter member and past president of the Jefferson County American Cancer Society.

• **Patrick J. Gillespie**, Hazleton; Jefferson Medical College, 1932; age 74, died December 2, 1980. Dr. Gillespie was a general practitioner with special interests in pediatrics and obstetrics. He was an instructor of pediatrics at Hazleton State General Hospital.

• **Michael Gratch**, Avalon, New Jersey; University of Bologna Italy, 1937; age 67, died November 23, 1980. Dr. Gratch had been a family physician in Maytown for 30 years.

• **H. Byron Harris**, Trucksville; Jefferson Medical College, 1933; age 72, died December 11, 1980. Dr. Harris practiced in Kingston and Wilkes-Barre and was a former chief of surgery at Wilkes-Barre General Hospital.

• **Mary A. Hipple**, Philadelphia; Women's Medical College, 1922; age 82, died December 16, 1980. Dr. Hipple had been a center city Philadelphia general practitioner for more than 50 years.

• **Creig S. Hoyt, II**, Coraopolis; University of Pennsylvania School of Medicine, 1940; age 64, died November 20, 1980. Dr. Hoyt was medical director of Crucible Steel Co., and medical consultant at Dixmont Hospital. He also was a staff member at Allegheny General and Suburban General hospitals.

• **E. Leslie Judkowski**, Philadelphia; University of Cape Town, South Africa, 1955; age 47, died December 7, 1980. Dr. Judkowski was a general surgeon in Rydal.

• **Marion Elizabeth Kabakjian**, York; Women's Medical College, 1964; age 48, died December 2, 1980. Dr. Kabakjian was director of the emergency room at St. Joseph's Hospital in Lancaster.

• **David Francis Kohn**, St. Petersburg Beach, Florida; University of Pennsylvania School of Medicine, 1931; age 76, died November 20, 1980. Dr. Kohn was a past president of the Monroe County Medical Society.

• **Joseph F. Lechman**, Latrobe; Jefferson Medical College, 1932; age 74, died December 13, 1980. Dr. Lechman began his practice in Latrobe in 1933 and was on the staff of Latrobe Area Hospital.

• **Tun-Yu Liu**, Mt. Pleasant; Kaohsiung Medical College, Taiwan, 1962; age 43, died November 4, 1980. Dr. Liu, a specialist in physical medicine and rehabilitation, held appointments at St. Francis General, Mercy, John Kane, and Butler Medical hospitals.

• **Kenneth M. McPherson**, New Brighton; University of Pittsburgh School of Medicine, 1936; age 74, died December 15, 1980. Dr. McPherson was a family physician in New Brighton for 30 years. He was a past president of the Beaver County Medical Society and the Pennsylvania Academy of Family Physicians.

• **John T. Murphy**, Scranton; Jefferson Medical College, 1931; age 73, died December 13, 1980. Dr. Murphy was on the surgical staffs at Mercy, Scranton State General, Midvalley, and Carbon-le General hospitals.

• **William Robert Myers**, Lancaster; Marquette University Medical School, Milwaukee, Wisconsin, 1961; age 53, died December 21, 1980. Dr. Myers was department head of staff, physical medicine and rehabilitation, at St. Joseph Hospital in Lancaster.

• **Mathew A. NeVertts**, Frackville; Hahnemann Medical College, 1937; age 70, died November 25, 1980. Dr. NeVertts practiced in Frackville for 45 years and was the physician for Broad Mountain Manor Nursing Home.

• **Donald C. Smelzer**, Lancaster; McGill University Medical

School, Montreal, Quebec, 1918; age 84, died December 7, 1980. Dr. Smelzer was a past president of the American Hospital Association and a frequent delegate to international conferences on medical problems. He was executive director of Lancaster General Hospital from 1952 to 1964.

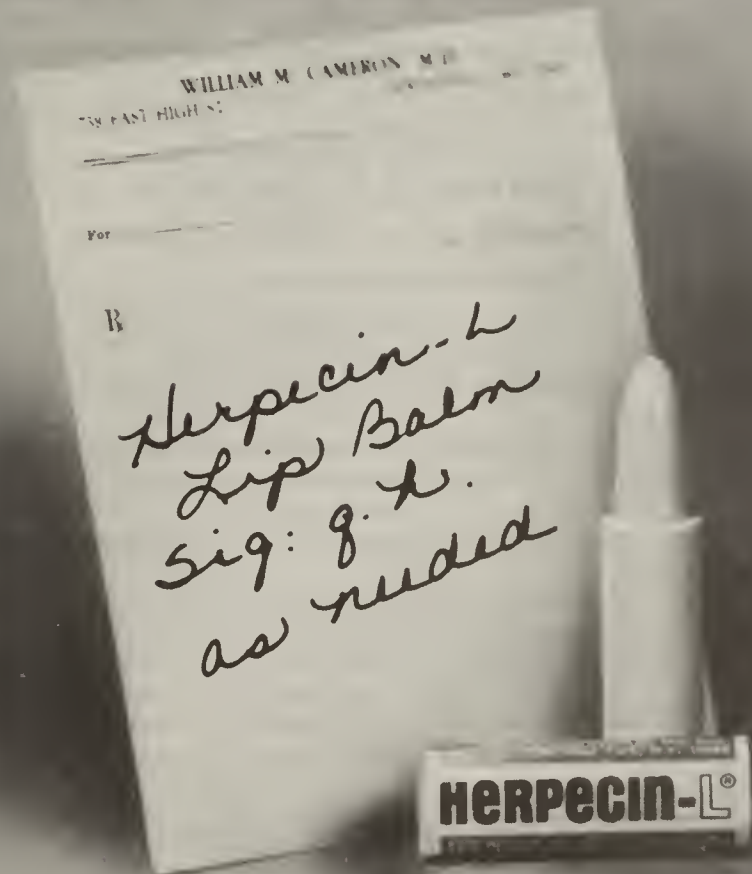
• **Herbert E. Spaulding**, San Marcos, California; University of Toronto, 1924; age 86. Dr. Spaulding had been a pediatrician in Erie and was a past treasurer of Erie County Medical Society.

• **Alexander W. Ulin**, Narberth; University of Pennsylvania School of Medicine, 1937; age 67, died December 14, 1980. Dr. Ulin was chairman of the surgery department at Rolling Hill Hospital and had been professor of surgery at Hahnemann Medical College.

John W. Gordon 2d, Ridley Park; Jefferson Medical College, 1954; age 54, died December 5, 1980. Dr. Gordon, a family physician, practiced in Delaware County for more than 25 years.

Benjamin Halporn, Millersburg; Jefferson Medical College, 1923; age 82, died December 20, 1980. Dr. Halporn had practiced in the Harrisburg area for 25 years.

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Incident reporting for sound risk management

This statement on reporting unusual occurrences in the hospital has been approved for publication by the Pennsylvania Medical Society Board of Trustees and the Hospital Association of Pennsylvania Board of Directors.

Incident reporting is one aspect of a sound and effective risk management program. Though generally thought of as a plan for gathering statistical data and information to improve patient safety, incident reporting also reveals a serious maloccurrence necessitating the involvement of the insurance carriers for both the physician and the hospital to provide prompt claim management.

An effective program must have a method to discover what is happening, as well as a system for reporting that information to the appropriate individual or committee for necessary action. In the event specific action is not required, the incident can be recorded and corrective action taken to prevent future occurrences. Only when the appropriate authority has pertinent information can appropriate steps be taken for future prevention. In a hospital setting, an effective risk management program requires a total group effort.

Purposes

The goals of an effective risk management program should be reporting, documenting, and evaluating as many incidents as possible. When a staff member or hospital is served with papers regarding a patient injury suit three years after the incident occurred and there are no records of the injury, it is simply too late. An effective risk management program, in most instances, ensures that such a contingency will not occur.

Incident reporting is one of the elements of an effective risk management program. Incident reporting is established to identify specific incidents as soon as possible after their occurrence in order to initiate corrective/remedial actions, and to provide a systematic method to identify recurring situations where

corrective/remedial actions can be taken to prevent or minimize their occurrence in the future.

Definitions

1. *Incident* - Any unusual occurrence which is not consistent with the routine operation of the hospital or the routine care of a particular patient. It may be an accident or a situation which might result in injury to a person or damage to property or equipment.

2. *Incident report* - A form established by the hospital and designed to document specific incidents. It should contain only facts; there should be no conclusions, opinions, accusations, or admissions. The incident report should never be filed with the patient's medical record, and no mention should be made in the medical record that an incident report has been made. Incident reports should be completed for the following:

- all accidents or unusual occurrences involving employees, patients, and visitors
- medication errors, such as wrong dosage or significant mistiming of administration, omission, drug reaction, misidentification of drug or patient
- any occurrence not consistent with prescribed therapy or treatment and
- any wrongdoing, such as theft.

Discoverability

Recent amendments to the Pennsylvania Rules of Civil Procedure do not deal specifically with the discoverability of incident sheets, yet it must be concluded that, until judicially determined to be otherwise, they are discoverable. It may be possible in the future to adopt measures that would place them beyond the scope of the Rules.

Physicians' roles

Physicians have a responsibility to report incidents, especially those which occur in the operating room or those which directly involve the physician's care of the patient.

The American College of Surgeons in its *Patient Safety Manual* suggests that the physician incident report be made verbally to a designated person. The authors feel that the comparatively small number of physician incident reports preclude the need of a written form for data analysis purposes. If documentation is necessary, it will appear in the medical record. A peer review committee may evaluate the incident if it comes to the committee's attention.

With the possibility of written incident reports being discoverable in Pennsylvania, a verbal report may be advantageous; however, whether the physician uses a written or verbal form, he should promptly notify the chief of service or chief of staff, the physician's insurance carrier, and a representative of hospital administration (risk manager, patient safety coordinator, or designated administrator).

When a representative of hospital administration receives a verbal or written report of an incident which prompts notification of the hospital's carrier, the patient's physician should be contacted simultaneously and personally and told that the hospital carrier has been so notified.

In addition, if a representative of the hospital carrier suggests that a particular incident be reported as a potential claim and if that suggestion is followed, the designated representative of hospital administration then should notify the physician of these facts.

Direct verbal contact with the physician precludes the possible future discoverability of any written

record. Verbal contact also allows the physician to be notified of any incident reported by hospital employees of which he may not be aware. The physician then may add a written comment to the incident report and notify his individual insurance carrier, if necessary.

Requirements

An incident reporting system is required by regulation and is recommended by various voluntary and professional organizations.

State health department

The governing body of the hospital has a specific responsibility to: "Establish a procedure for reporting the occurrence and disposition of any unusual incidents. The procedure shall insure that:

- (i) incident reports are analyzed and summarized and that the results and summaries are kept available for the Department (of Health);
- (ii) corrective action is taken as indicated by the analysis of incident reports." (Section 103.4, Paragraph 16, Department of Health

Regulations on General and Special Hospitals.)

The presence or absence of complications in surgery must be documented:

An operating room register shall be provided and maintained on a current basis. The operating room log or register shall contain date of operation, name and number of patients, names of surgeons and surgical assistants, name of anesthetist, type of anesthesia given, pre- and post-operative diagnoses, type of surgical procedure, and the presence or absence of complications in surgery. This information may also be maintained in an accession file of copies of the operating room record. (Section 135.4, Department of Health Regulations on General and Special Hospitals.)

State insurance department

The Pennsylvania Department of Insurance published "Guidance Standards for Review and Approval of an Institutional Plan of Risk Management" in the *Pennsylvania Bulletin*, Volume 6, Number 54, Saturday, December 25, 1976. Although the stan-

dards do not refer to incident reporting specifically, their underlying theme is that some method of reporting of incidents must be developed and approved by the department before a risk management program can be certified.

Regulations dealing with Medical Malpractice and Health-Related Self Insurance Plans (31 Pa. Code § 243.3) specifically state that in order for plan to receive department approval must "(4) Provide evidence of implementation of a plan of risk management acceptable to the commissioner or evidence that the health care provider has subscribed to a previously approved plan of risk management, which may be offered on a consulting basis by an insurer or risk management consulting firm. Such plan shall provide for securing of incident reports to determine and evaluate claims."

The same requirement applies to risk management plans developed by commercial carriers.

Commission on hospital accreditation

The Joint Commission on Accreditation of Hospitals states that hospitals shall be "functionally safe and sanitary for patients, hospital staff, and visitors." In order to comply with this principle, hospitals "shall provide" for:

The establishment of an incident reporting system that includes a mechanism for investigating and evaluating all incidents reported and for documenting the review of all such reports and actions taken." (Accreditation Manual for Hospitals, 1980 Edition, Standard I, p. 36.)

Hospital federation

According to the Federation of American Hospitals, "All incidents (employee accidents, patient injuries, medication errors, visitor injuries, fires, equipment damage, security matters, etc. - all adverse occurrences to the good order of the operations of the hospital) must be reported, documented on an incident report, investigated, documented on an investigation report, and necessary corrective/remedial action must be taken. The goal here is PREVENTION." (*Risk Management Manual - A Guide to Safety, Loss Control, and Malpractice Prevention for Hospitals*, Federation of American Hospitals, Inc., 1977, p. iii.)

Noninvasive Medical Imaging for the Practicing Physician

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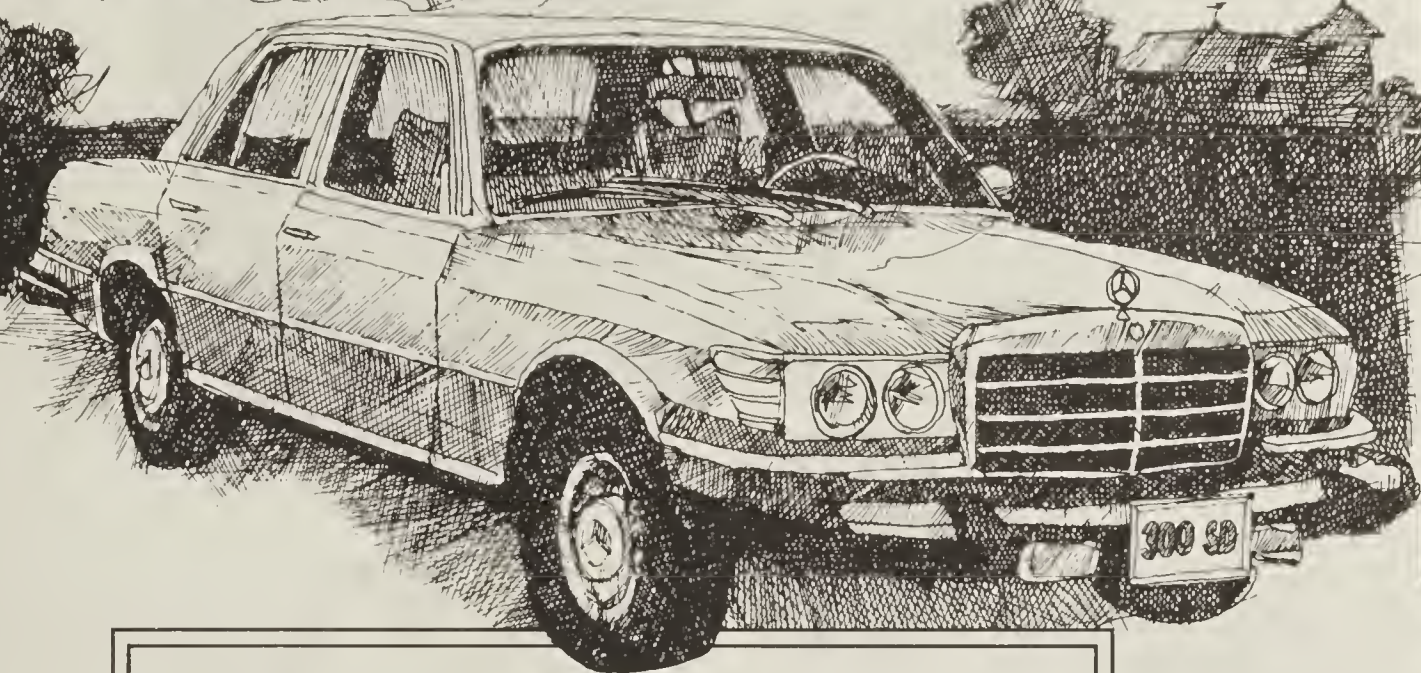
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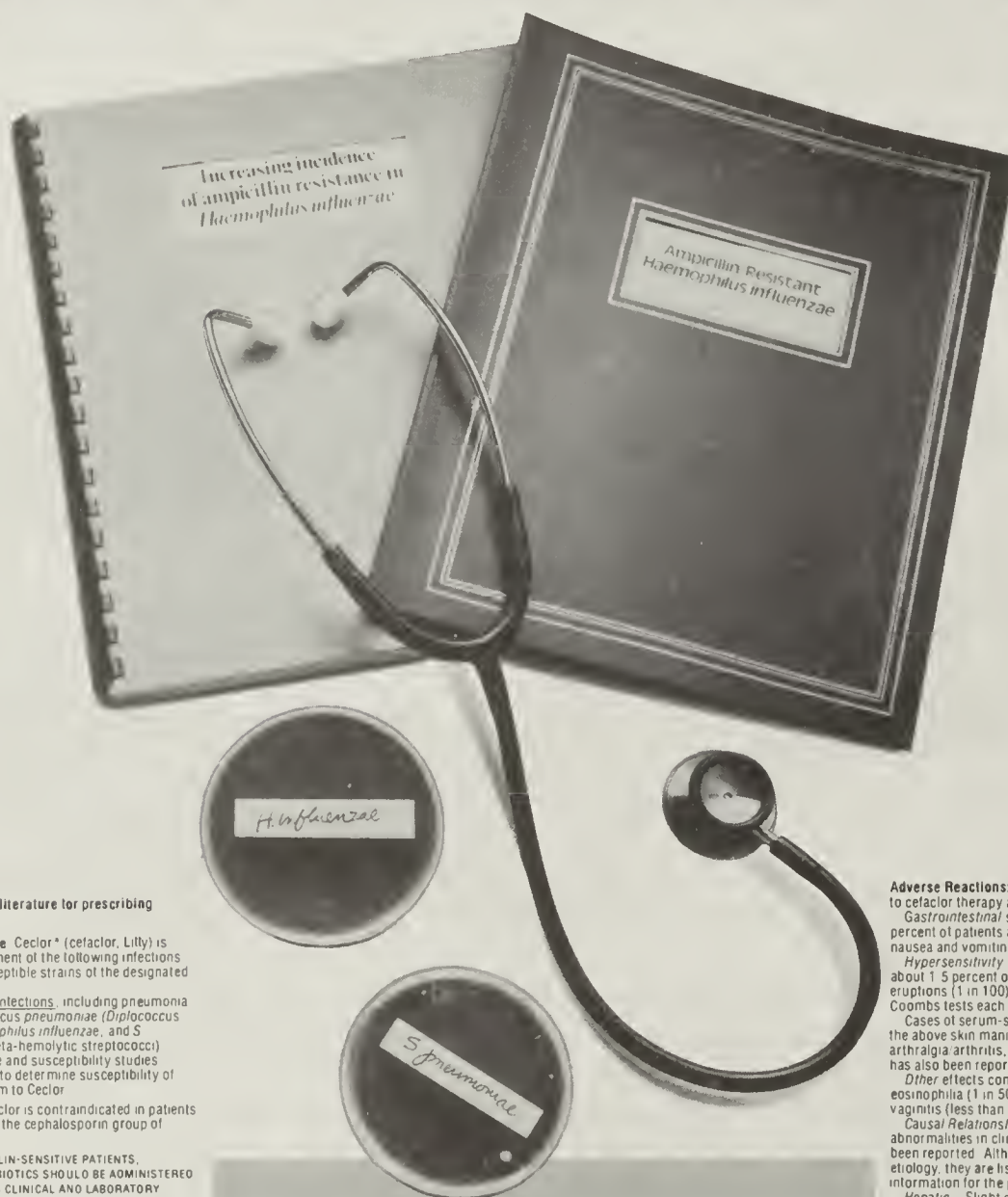
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Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

Contraindication: Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

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Precautions: If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g., pressor amines, antihistamines, or corticosteroids.

Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

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Usage in Pregnancy—Although no teratogenic or antifertility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy—Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.⁷

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cefclor

Pulvules®, 250 and 500 mg

Adverse Reactions: Adverse effects considered related to cefclor therapy are uncommon and are listed below. Gastrointestinal symptoms occur in about 2-5 percent of patients and include diarrhea (1 in 70) and nausea and vomiting (1 in 90).

Hypersensitivity reactions have been reported in about 1-5 percent of patients and include morbilliform eruptions (1 in 100), pruritus, urticaria, and positive Coombs tests each occur in less than 1 in 200 patients.

Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain—Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic—Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic—Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal—Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200).

[1000000]

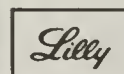
*Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefclor* (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother., 8:91, 1975.
2. Antimicrob. Agents Chemother., 11:470, 1977.
3. Antimicrob. Agents Chemother., 13:584, 1978.
4. Antimicrob. Agents Chemother., 12:490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), 11:880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother., 13:861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.



Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285. Eli Lilly Industries, Inc., Carolina, Puerto Rico 00630.

100061

Assessing the value of mass screening for coronary risks

David M. Leaman, MD
Steven L. Crawshaw, MD
Robert F. Zelis, MD

Hypertension, diabetes, an elevated serum cholesterol and cigarette smoking are well known coronary risk factors and their relationship to accelerated coronary atherosclerosis has been documented in numerous studies.¹⁻⁵ The detection of these major coronary risk factors by mass screening would appear to be useful. If the subject being screened is already aware of the risk or is not motivated to favorably alter the risk factors, however, detection by screening may be fruitless.

For this reason, we evaluated the cost and impact versus effectiveness of an ongoing mass coronary risk screening program at one of the original American Heart Association Chapters involved with coronary risk screening. This was a retrospective study which sought to determine the fate of the 117 subjects determined to be at "high risk" during the screening of 3,866 individuals in a community program which was active during 1974 and 1975.

Methods

Subjects for the coronary risk screening were obtained in the following fashion. The American Heart Association Chapter advertised that a coronary risk screening would be performed at a given place on a given day. Only those subjects who had no known cardiac disease or coronary risk factors and were between the ages of 21 and 65 were invited to call the American Heart Association for an appointment. Volunteers made the appointments and screened some subjects who had prior knowledge of cardiac disease, a known major coronary risk factor, or who were over 65.

At the time of the screening, the subjects were not in the fasting state.

Their sex, age, height, weight, level of physical exercise, family history of coronary artery disease (coronary disease in parents or siblings at age 55 years or younger), and smoking history were obtained. They were also questioned about any known history of diabetes, gout, hypertension, cerebral vascular accident, angina, or previous myocardial infarction.

Blood was drawn to determine serum cholesterol and glucose concentration by autoanalyzer. A single blood pressure was taken in the sitting position and a standard resting 12-lead electrocardiogram was obtained. The electrocardiogram was interpreted by a cardiologist.

The subjects' risk factors were categorized as "minor" or "major" and given a numerical weight according to the chart modified from the popular "Risko game" of the Michigan Heart Association (Figure 1). Minor risk factors were obesity, male sex, physical inactivity, and gout. Major risk factors were diabetes, hypertension, a serum cholesterol above 250 mgm/100 ml, a history of cerebral vascular accident, angina, or myocardial infarction.

Diabetes was diagnosed for random blood sugar levels above 130 mgm/100 ml. A subject was considered to be hypertensive when the random blood pressure exceeded 140/90 mmHg. If the risk score totaled 16 or more, or two or more major risk factors were present, the subject was considered to

be at high risk for developing premature coronary artery disease.

The subjects found to be at high risk at the time of screening were so notified by the American Heart Association and they were advised to contact their private physicians for followup. The subjects' private physicians also were sent notices of the screening and its results. Followups of the screenings and attempts to modify the risk factors were left entirely to the subjects and their private physicians.

The records were reviewed of all subjects screened by the American Heart Association Chapter during the years 1974 and 1975. Those subjects found to be at high risk were selected for further evaluation. Their records were evaluated in order to determine if they knew the major risk factors that were present at the time of screening. Attempts were made to contact every subject to determine if they had modified their lifestyles in response to learning that they had an increased risk of premature coronary artery disease. They were asked about therapy for hypertension or diabetes, if they had quit smoking, if they were eating an "AHA recommended diet," and if they were on a regular exercise program.

Results

A total of 3,866 subjects were evaluated during 1974 and 1975. Of 117 subjects found to be at high risk, 73 were male and 44 were female. The age range was 23 to 75 with a mean age of 54.2 years.

In the group of 117 high risk subjects, 22 subjects had a known history of diabetes. No new cases of diabetes were discovered. Ninety-one subjects

The authors are from the division of cardiology at the Milton S. Hershey Medical Center. The work was supported by the American Heart Association, South Central Pennsylvania Chapter and the Sam Ostrow Cardiology Research Fund.

Name and Address
Date

Ht.	Wt.	Age	Sex	DATA FORM AND WORK SHEET								
Sex-Age				Female under 45	Male under 40	Female 45-55	Male 40-55	Female over 55	Male over 55		Minor Factor	
Percent of Standard Wt.				90 or less	91 - 120	121 and above					Minor Factor	
Physical Exercise				High	Moderate	Low	Completely Sedentary				Minor Factor	
Known Disease (Record only the Highest one)				None	Diabetes	Gout	High Blood Pressure	Stroke	Angina or Heart Attack	Chest Pain Relieved by Rest	Minor Factor	
Family History of Disease (Encircle parent, uncle, aunt, sister, brother (Record only highest one))				None	Diabetes	Gout	High Blood Pressure	Stroke	Angina Heart Attack or Failure 50 or over	Angina Heart Attack or Failure Under 50 (Parent or Sib)	Minor Factor	
Smoking				Non-Smoker	Cigars, Pipes or 1-19 Cigarettes	Cigarettes 20 to 30 Per Day	Cigarettes 40 or more per day				Major Factor	
Cholesterol				199 mg % or less	200-249 mg %	250-280 mg %	281 mg % or greater	Value from LAB			Major Factor	
Glucose				109 mg % or less	110-169 mg % (non-fasting)	170-199 mg % (fasting)	170 mg % or greater	Value from LAB			Major Factor	
EKG				Normal or Slightly Suspicious	Very Suspicious	Definitely Abnormal	Write in 2 or 3 Abnormality				Major Factor	
Blood Pressure				Less than 140/95	140/95 to 160/100	160/101 to 220/140	Greater than 220/110	Measured B. P.	Allow Leeway of 20 mm Systolic and Adhere to Absolute Diastolic		Major Factor	
GUIDE FOR FRF:												
9.8 - 11.0	Below Average											
11.1 - 13.0	Average											
13.1 - 16.0	Above Average											
16.1 - and above	High											
	Report to Doctor and patient to be made in these terms.	Check one above										
(Encircle) REFERRED	YES	NO										

Figure 1. Form used to rate a subject's overall coronary risk.

had elevated blood pressures at the time of the screening. Seventy-one were aware of the hypertension and were on therapy.

Fourteen of the subjects were found to have had a previous myocardial infarction by EKG and all were aware of this. Eleven subjects gave a history consistent with angina pectoris. Seventy-eight of the subjects had a random serum cholesterol above 250 mgm/100 ml. Of this group, only 5 were aware of having had an elevated serum cholesterol. Twenty-eight subjects were current cigarette smokers. (Figure 2).

Of the 117 subjects placed in the high risk category, 96 were aware of the presence of a major risk factor for coronary artery disease. Thus, only 21 subjects placed in the high risk category out of a total of 3,866 subjects screened were unaware of having an increased risk for developing premature coronary artery disease.

Seventy of the 117 subjects placed in the high risk category could be contacted by telephone a minimum of two years after the screening. Of these 70, all who had hypertension or diabetes were currently under a physician's care. The adequacy of the therapy could not be determined. Of this group, 11 subjects had been smoking at the time of the screening; four quit smoking by the time of the contact. Of the 70 subjects contacted, three had begun an exercise program. At the time of the followup telephone call, one was currently engaged in an exercise program.

We tried to determine if the contacted subjects were following an "AHA recommended diet" by obtaining a dietary history. Of the high risk subjects, 31 were making no attempt to follow any diet. It was difficult to evaluate a change in the dietary habits or to verify that the subject was following the "AHA recommended

diet." However, 36 subjects stated they were eating no more than 2 eggs per week, were using unsaturated fats in their cooking, and were cutting off the fat from meat. None of the subjects knew whether or not his serum cholesterol had changed.

The total cost of the screening of the 3,866 subjects was approximated to be \$32,000. This included the direct costs the salaries of the American Heart Association staff, and estimated volunteer time. The direct cost, calculated to be \$10,670, included the laboratory fees for the serum cholesterol and glucose and the mailing costs to inform the subjects and their physicians of the screening results. Physician volunteers to read the EKGs and assess the patients' overall risks were calculated at the rate of \$50.00/hr. Nonphysician volunteers were calculated at the rate of \$4.00/hr.

Given \$32,000 as the total cost of the screening, the cost per detection of a

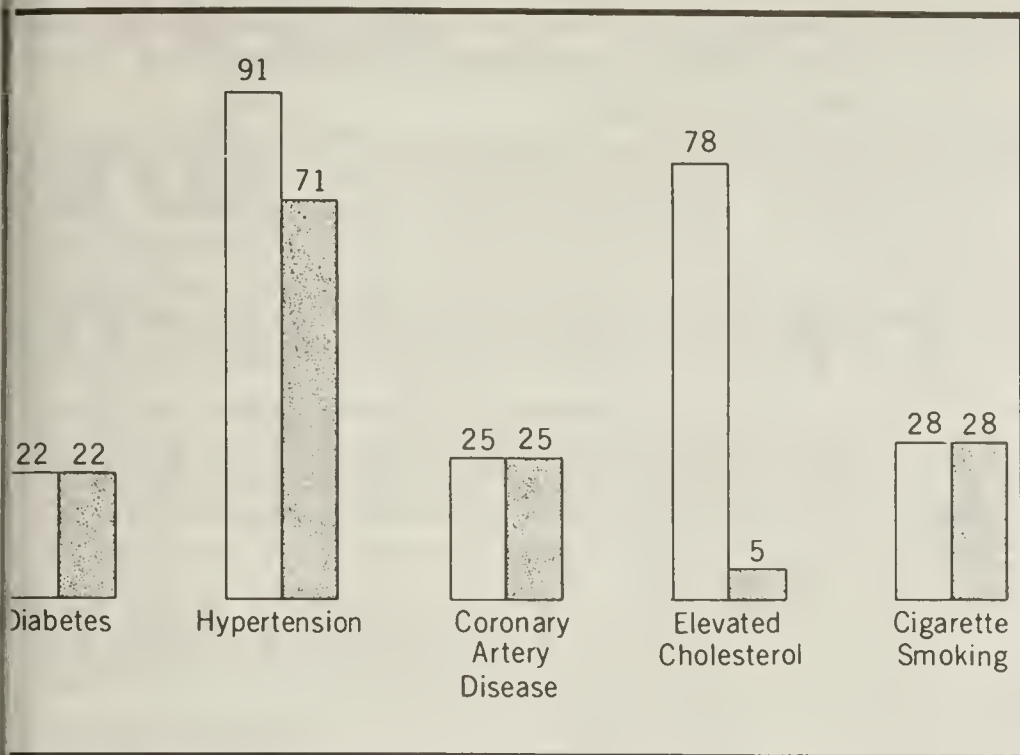


Figure 2. Number of high risk individuals with major risk factors. Open bars depict the total number of individuals with the risk factor. Closed bars depict the number of individuals who knew the risk factors were present at the time of the screening.

single high risk subject was \$275. Since many of these subjects already knew of the presence of one or more risk factors, we calculated a separate cost for the detection of a subject who was *not* aware of having an elevated risk for premature coronary atherosclerosis. Using the \$32,000 as the total cost, this calculated to be \$1,525 for the detection of a subject who was unaware of an elevated risk for coronary artery disease. This number may be somewhat high since some subjects may have been aware of their history of hypertension, diabetes, smoking, etc., but did not realize that this increased the risk for premature coronary artery disease.

Discussion

The detection of coronary risk factors and subsequent modification of the risk factors would appear to be an important public health venture. Detecting a risk factor without subsequently modifying that risk factor, however, is of no obvious benefit. Our study showed a low yield of high risk subjects compared with the number screened. In addition, the vast majority of those subjects (82 percent) who were discovered to be at high risk already were aware of the presence of a major risk factor. The majority of subjects found to have diabetes or hyper-

tension were already under physician care.

Our study showed these disappointing features:

- approximately 2/3 of the smokers (7/11) continued to smoke
- despite the wave of enthusiasm for diet modification, there was little evidence that this was being practiced
- approximately half (31/70) of the subjects contacted were making no attempt whatsoever to follow any specific diet or to modify their cholesterol intake and
- subjects found to be at high risk for premature coronary artery disease were not on an exercise program at the time of the followup evaluation.

The cost of detecting a single individual who is at high risk for developing premature coronary artery disease is high. Our figure of \$1,525/subject who was not previously aware of having a major risk factor may be somewhat high; however, the estimated cost of \$275 represents a high cost to detect an individual who is at high risk, whether or not the person is aware of his risk status.

More importantly, detecting the high risk individual has minimal impact on coronary disease in the community. This particular program may have better served the interests of the community had it been informed that

the risks for developing coronary artery disease are a continuum. Explaining this to a person and relating that person's actual relative and absolute risk are not easy tasks even in an optimal patient care setting. To do this in a hasty or perfunctory manner could only confuse or frighten patients and would certainly anger physicians.

This study again shows that if mass coronary risk screening were to be done, there needs to be more intensive followup of the subject and also closer relationships established with private physicians.^{6,7} *One cannot simply notify patients and their physicians of the presence of an increased risk for premature coronary artery disease and then discontinue followup at that point.* This study adequately demonstrates that no significant changes in lifestyle are made with that approach, whereas a community-wide program of heart, health education appears to be more effective in modifying risk.^{8,9}

Organizations that currently are doing mass coronary risk screening need to evaluate the effectiveness of their programs. Based on these findings, this American Heart Association Chapter has discontinued mass coronary risk screening and now is organizing a more cost effective program for the detection and followup of patients who have systemic hypertension.

REFERENCES

1. Page, I.H., Berrettoni, J.N., Butkus, A., et al.: Prediction of coronary heart disease based on clinical suspicion, age, total cholesterol, and triglyceride. *Circulation* 42:625-639, 1970.
2. Keys, A., Aravanis, C., Blackburn, H., et al.: Probability of middle-aged men developing coronary heart disease in five years. *Circulation* 45:815-828, 1972.
3. Stamler, J., Lindberg, H.A., Berkson, D.M., et al.: Prevalence and incidence of coronary heart disease in strata of the labor force of a Chicago industrial corporation. *J Chronic Dis* 11:405-420, 1960.
4. Morris, J.N., Kagan, A., Pattison, D.C., et al.: Incidence and prediction of ischaemic heart-disease in London busmen. *Lancet* 2:553-559, 1966.
5. Chapman, J.M., Massey, F.J., Jr.: The interrelationship of serum cholesterol, hypertension, body weight and risk of coronary disease: Results of the first ten years' followup in the Los Angeles heart study. *J Chron Dis* 17:933-949, 1964.
6. Aronow, W.S., Allen, W.H., DeChristofaro, D.: Response of patients and physicians to mass screening for coronary risk factors. *Circulation* 52:586-588, 1975.
7. Aronow, W.S., Allen, W.H., DeChristofaro, D., et al.: Followup of mass screening for coronary risk factors in 1817 adults. *Circulation* 51:1038-1045, 1975.
8. Farquhar, J.W., Maccoby, N., Wood, P.D., et al.: Community Education for Cardiovascular Health. *Lancet* 1:1192-1195, 1977.
9. Stern, M.P., Farquhar, J.W., Maccoby, N., et al.: Results of a two-year Health Education Program on Dietary Behavior. *Circulation* 54:826-833, 1976.



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Hypnosis and Psychiatry, March 23-26, 1981 (Monday-Thursday). Fee: \$400; Resident's fee: \$300 (includes workshops and lunches). (32 credit hours) Herbert Spiegel, MD

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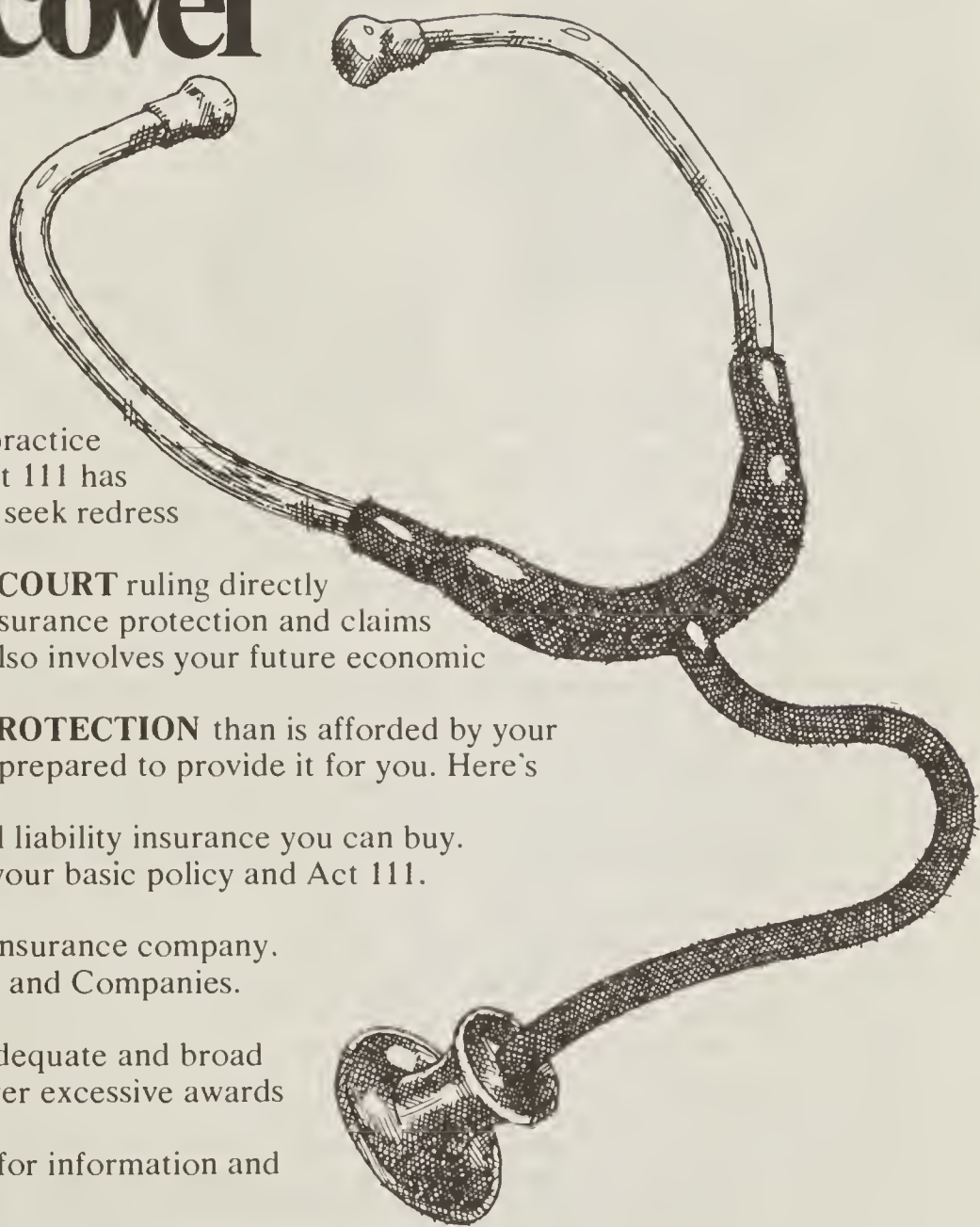
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Superior court faces 'wrongful life' issue

Daniel J. Menniti, PhD, JD

In a recent Superior Court decision,¹ the court faced the issue of whether a child delivered from a mother who had been "sterilized" may recover damages which he will sustain as a result of his having been born with a medical defect.

The mother of the child had undergone a bilateral tubal ligation and allegedly was assured of the success of the surgery. The parents brought suit on three counts, the third of which was "recovery on the child's part for the damages (i.e., necessary future medical care and expenses) he will sustain as a result of his having been born with dextrocardia."

The court, relying on a recent *Speck* case² (in which the court analyzed case law from other jurisdictions) held that the child could not recover for "wrongful life" and that there was no cause of action in the child.

The appeal to the Superior Court, incidentally, was from an overruling by the trial judge of a demurrer³ by attorneys for the defendant physicians. The Superior Court thus upheld the demurrer of the physicians as to a cause of action in the child and, therefore, concluded that the child could not claim damages for "wrongful life." The reasoning of the court is noteworthy:

First, there is no precedent in appellate judicial pronouncements that holds a child has a fundamental right to be born as a whole, functional human being. Whether it is better to never have been born at all rather than to have been born with serious mental defects is a mystery more properly left to the philosophers and theologians, a mystery which would lead us into the field of metaphysics beyond the realm of our understanding or ability to solve. The law cannot assert a knowledge which can resolve this inscrutable and enigmatic issue. Second, it is not a matter of taking into consideration the various and convoluted degrees of the imperfection of life. It is rather the improbability of placing the child in a position [he] would have occupied

if the defendants had not been negligent when to do so would make [him] nonexistent Thus, a cause of action brought on behalf of an infant seeking recovery for 'wrongful life' on grounds [he] should not have been born demands a calculation of damages dependent on a comparison between Hobson's choice of life in an unimpaired state and nonexistence. This the law is incapable of doing.

Finally we hold that . . . this is not an action cognizable at law.

The mother of the child in the first count also had sued for, among other damages, recovery for "her mental and emotional distress and physical pain she suffered at the time of and subsequent to the operation." The court, relying on the *Speck* case as it did for the first count, denied "the parents' recovery for emotional distress beyond what they suffered as a result of the surgeries."

The court thus allowed that there was a cause of action for the mother for "her lost earnings, physical pain and suffering, and emotional distress incident to the negligent surgery" (the bilateral tubal ligation). But it held that there was no cause of action for recovery for emotional and mental distress "incident to the birth and raising of the child."

In the second count of the case (whose demurrer also was overruled by the trial court), the plaintiff husband sued the physicians for the medical and rearing expenses he had incurred and would incur relative to the birth of his son as well as recovery for his wife's medical expenses and loss of consortium. Here the court affirmed the overruling of the demurrer and stated that the second count constituted "a cause of action which, if proved at trial, can result in recovery." The court has recognized that the parents of a child born subsequent to neg-

ligent sterilization or abortion procedures have a right to recover for the costs of rearing the child and other damages arising out of such operations.

The Superior Court thus affirmed in part and reversed in part the ruling of the trial court. Although the issues of "wrongful life" were clarified, other issues were left unresolved. In recognizing a cause of action for a negligently performed sterilization operation, the legal principle on which damages are to be assessed remains clouded.

This case is also complicated in that the four justices filed four separate concurring and dissenting statements. All four concurred with the principle that damages may be claimed by persons upon whom negligent operations to prevent pregnancy were performed. But they all disagreed as to the scope and range of the damages to be established.

The complaint filed in this case, however, contains elements concerning which physicians should be extremely careful. The complaint alleged a lack of informed consent in that it stated that the parents were not advised of "the possible sequelae of the operation." Also alleged was the failure of the physicians to sterilize the mother so that she would not become pregnant coupled with a misrepresentation of the benefits of the operation. Finally, the complaint alleged that the physicians failed to use the necessary care and skill required of them.

Although the courts may not have clarified all the issues, physicians should realize that the care they exercise in their practices has legally determined obligations.

1./ *Phyllis Stribling and Howard Stribling v. Donald G. de Quesda and Nestor G. de Quesda*, Pa. Superior Court, A.2d (no. 2027 October Term 1977, filed 11/80).

2./ *Speck v. Finegold*, 408 A.2d 496 (Pa. Super. 1979); see 82 PENNSYLVANIA MEDICINE pp. 15-16 (December, 1979).

3./ On a demurrer to a complaint, the defendant, conceding for argument the truth of all the pertinent allegations in the complaint, alleges that there is still no cause for legal action.

4./ *Stribling, et al. v. Quesda, et al.*, *supra*, slip opinion at pp. 4-5.

The author is associated with Pepper, Hamilton & Scheetz, legal counsel to the Pennsylvania Medical Society.

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Nitrofurantoin toxicity

Robin M. Fleck, MD

Nitrofurantoin exhibits adverse effects in many tissues including the lung, nervous system, bone marrow, and liver.

Patients with decreased renal reserve or those receiving large amounts of the drug are at highest risk for developing intoxication. In this article we review the wide spectrum of nitrofurantoin toxicity and report five cases from our hospital (Table 1).

Discussion

The most commonly encountered reaction to nitrofurantoin is generalized hypersensitivity. Skin rash, pruritus, fever, hypotension, and bronchospasm may become manifest. Case 1 illustrates that this syndrome may occur following a single dose due either to previous administration of the drug or perhaps to antigen cross-reactivity.

Nitrofurantoin-induced pulmonary reactions can be classified in two groups: an acute noncardiac pulmonary edema, characterized by fever, cough, peripheral eosinophilia, and improvement within 24-48 hours after stopping nitrofurantoin;¹⁻³ and the subacute, interstitial pneumonitis which may progress to interstitial fibrosis if the drug is continued.^{1,4-8}

Case 2 illustrates the latter reaction. Lung biopsy revealed the desquamative type pneumonitis in agreement with the earlier observations of Bone et al.⁵ This case is unusual in that chronic pulmonary changes occurred after only four weeks of nitrofurantoin administration. Because the patient's pleural effusions were refractory to the usual therapeutic measures, tetracycline was instilled intrapleurally. Some improvement resulted; however, the patient died one month after discharge.

Case 3 illustrates the neuropathy associated with nitrofurantoin. The severity of the disorder is not dose-dependent and, as this case shows, patients with moderate or severe involvement are less likely to improve when the drug is stopped.⁹ The structural similarities between nitrofurantoin and diphenylhydantoin have led some authors to suggest that the neuropathy is due to folate deficiency.^{10,11} Our patient showed minimal improvement over a six-month period.

Case 4 is an example of the most frequently associated hematologic abnormality, granulocytopenia.^{12,13} This reaction seems to be an immunologically-mediated destruction of granulocytic cells in the marrow. Usually, the destruction can be reversed when nitrofurantoin is discontinued. In addition, a folate-responsive megaloblastic anemia has been reported,¹⁰ and hemolytic crisis has been precipitated in patients with glucose-6-phosphate dehydrogenase deficiency¹⁴ or with enolase deficiency.¹⁵

Conclusion

Five patients with an SLE-type syndrome associated with nitrofurantoin have been reported.^{16,17} These patients had been on long-term therapy (more than one year). They all had abrupt elevations of serum IgG, ANA, antithyroid, and anti-smooth muscle antibodies which returned to normal when nitrofurantoin was stopped.

Clinically, three of these patients revealed evidence of liver involvement and may have represented cases of

chronic active hepatitis with extrahepatic manifestations. The latter is a frequently reported complication of nitrofurantoin administration.^{18,19}

Case 5 illustrates such a lupus-like syndrome unmasked in a hypersensitive individual. This woman's symptoms recurred when she was inadvertently rechallenged with 50 mg of nitrofurantoin, thus lending further support for an antibody-mediated reaction.

The five experiences with nitrofurantoin that we have presented should alert physicians to the wide range of manifestations encountered with this drug. We advise physicians to discontinue use of the drug at the earliest sign of drug reaction, since in some cases, continuance will lead to irreversible tissue damage.

REFERENCES

1. Rosenow, E.C.: The spectrum of drug-induced pulmonary disease. *Ann. Intern. Med.* 77:977, 1972.
2. Strauss, W.G., Griffin, L.M.: Nitrofurantoin pneumonia. *JAMA* 199:765, 1967.
3. Ngan, H.M.B. et al: Nitrofurantoin lung. *Brit. J. Radiol.* 44:21, 1971.
4. Rosenow, E.C. et al: Chronic nitrofurantoin pulmonary reaction. *N. Engl. J. Med.* 279:1258, 1968.
5. Bone, R.C. et al: Desquamative interstitial pneumonia following long-term nitrofurantoin therapy. *Am. J. Med.* 60:697, 1976.
6. Israel, K.S. et al: Pulmonary fibrosis and nitrofurantoin. *Am. Review Resp. Dis.* 108:353, 1973.
7. Weekly clinicopathological exercises: Case 22-1974. *N. Engl. J. Med.* 290:1309, 1974.
8. Strandberg, I. et al: Chronic interstitial pneumonitis with fibrosis during long-term treatment with nitrofurantoin. *Acta Med. Scand.* 196:483, 1974.
9. Toole, J.F., Parrish, M.L.: Nitrofurantoin polyneuropathy. *Neurology* 23:554, 1973.
10. Bass, B.H.: Megaloblastic anemia due to nitrofurantoin. *Lancet* 1:530, 1963.
11. Graebner, R.W., Herskowitz, A.: Cerebellar toxic effects from nitrofurantoin. *Arch. Neurol.* 29:195, 1973.
12. Palva, I.P., Lehmola, U.: Agranulocytosis caused by nitrofurantoin. *Acta Med. Scand.* 194:575, 1973.
13. Dimant, J. et al: Side effects after treatment with nitrofurantoin. *Arch. Intern. Med.* 137:811, 1977.
14. Burka, E.R. et al: Clinical spectrum of hemolytic anemia associated with glucose-6-phosphate dehydrogenase deficiency. *Ann. Intern. Med.* 64:817, 1966.
15. Stefanini, M.: Chronic hemolytic anemia associated

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TABLE 1

Case	Sex	Age	Reason Nitrofurantoin	Dose	Symptoms	Signs	Lab	Therapy
1	F	52	Recurrent cystitis	100 mg X 1 dose	Dizziness, flushing, pruritus, vomiting, diarrhea	P100,R28,BP 90/60, T36.4; generalized erythema	Normal hemogram, BUN 18, creatinine 1.3, glucose 164	Epinephrine 1:1000, 0.2 cc subcutaneously Solumedrol 500 mg IV
2	M	55	Cervical spinal cord injury (neurogenic bladder)	300 mg/d X 1 month	Dyspnea, fatigue	P116,R22,BP 100/70, T35; ↓ Breath sounds percussion dullness bibasilar rales	Hgb 12.9, hct 39.4 WBC 7500: P 90, L 7, bands 3; CXR: bilateral effusions & infiltrates Lung bx: DIP with fibrosis	Hydrocortisone 300 mg/d Nitrofurantoin discontinued
3	F	78	Recurrent cystitis	400 mg/d (intermittently X 3 years)	Burning paresthesiae of feet; pruritus, weakness	Symmetric hand muscle atrophy, bilateral footdrop, ↓ pain, vibratory & position sense of legs, ↓ DTR of legs	Folic acid 2.2 ng/ml Normal hemogram, BUN, creatinine, glucose, ANA, B ¹² ; nerve conduction velocity ↓ in all extremities; EMG abnormal	Nitrofurantoin discontinued
4	M	74	Retropubic prostatectomy X 6 weeks	400 mg/d X 6 weeks	Right scrotal swelling and pain X 3 days	P100,R16,BP 100/60, T 39; right scrotum swollen & tender	Hgb 12.8, hct 39.6, WBC 4600: P 8,L 45,M 31 E 1,Baso 1,bands 4, atypical lymphs 8; BUN 23, creatinine 1.8; Bone marrow bx; hypercellular, M:E 4:1, ↑ granulocyte precursors, ↓ bands & segmented polys; normal RBC & platelet maturation	Nitrofurantoin discontinued
5	F	32	Recurrent cystitis	100 mg/d	Abrupt onset of fever, myalgia, arthralgia, nausea	P100,R20,BP 106/78, T38.3; generalized edema, conjunctivitis, knees warm, tender	Normal Hgb and hct, WBC 13,000 with shift to left, creatinine 1.1, ANA negative, liver function normal	ASA, 600 mg QID Nitrofurantoin discontinued

with erythrocyte enolase deficiency exacerbated by ingestion of nitrofurantoin. *Am. J. Clin. Path.* 58:408, 1972.

17. Selroos, O., Edgren, J.: Lupus-like syndrome associated with pulmonary reaction to nitrofurantoin. *Acta Med. Scand.* 197:125, 1975.

18. Back, O. et al: Nitrofurantoin-induced pulmonary fibrosis and lupus syndrome. *Lancet* 1:930, 1974.

19. Fagrell, B. et al: A nitrofurantoin-induced disorder simulating chronic active hepatitis. *Acta Med. Scand.* 199:237, 1976.

20. Goldstein, L.I. et al: Hepatic injury associated with nitrofurantoin therapy. *Digestive Dis.* 19:987, 1974.

21. Black, M. et al: Nitrofurantoin-induced chronic active hepatitis. *Ann. Intern. Med.* 92:62, 1980.

practice management

Legal and ethical aspects of closing your practice

Leif C. Beck, LL.B., CPBC
Vasilios J. Kalogredis, JD, CPBC
Geoffrey T. Anders, CPA, JD
Dorothy R. Sweeney

This is the first in a series of articles geared to the senior physician and his practice. This month's articles focuses on the closing of a medical practice as opposed to cutting down or disposing of it.

Closing your practice requires more than merely disconnecting the telephone, locking the office door, and never returning. There are numerous legal and ethical considerations that must not be ignored. A carefully prepared plan must be developed to help avoid problems.

In the past, many doctors continued practicing until their deaths. Today some physicians are retiring earlier to avoid governmental hassles, or to escape the paperwork jungle. Some physicians relocate in states with better malpractice climates, change to less risky specialties with lower malpractice rates (e.g. dropping surgery and/or hospital work), or change to "salaried" medical positions for fewer headaches. Others relocate to warmer weather areas. Having practiced and invested successfully over the years, some have retired totally, to spend more time with their spouses and families, pursue outside interests, travel, or charitable pursuits.

Reasons for closing shop abound. Whatever the reasons in a particular case, the following checklist should be considered.

Obligation to patients

A physician has the duty not only to exercise care and skill in performing his medical services, but also to exercise the same type of care and skill in discontinuing such practice.

Abandonment is a legal and ethical matter which should concern any physician considering a practice closing.

Posting a small handwritten sign in the office is not enough. Letting people know by word of mouth alone is not enough. Both of these approaches are fraught with difficulties and leave a physician open to legal hassles with patients who did not get notified and were therefore abandoned.

The legally and ethically accepted way of notifying your active patients of a practice discontinuance is by letter. The key elements of such a letter are as follows:

1. Send the letter at least three months in advance if possible. State exactly when the practice will be closed.
2. Include an announcement of the reason for closing the practice.
3. Suggest that the patient immediately start looking for a new physician. Mention the names of doctors who may be available, or refer the patient to the local medical society for advice on finding a replacement.
4. Add the unnecessary but gracious touch of thanking the patients for the opportunity to serve them and express regret that the relationship cannot continue.
5. Send the letters certified, returned receipt requested to have evidence of the receipt by the patients.
6. Request written authorization for the transfer of records by a specific

date.

The definition of active patients is crucial in deciding whom to notify. A lot depends on your specialty and your relationships with your patients. One definition states that "a physician having accepted employment and entered upon the discharge of his duties, shall continue the employment so long as the case requires his attention, unless it is terminated by the assent of the parties, or is properly revoked by either party." Crucial is the phrase "so long as the case requires attention."

Patients who already have been discharged properly, patients who have relocated far from the community, or who have not been seen for several years should not be problems. When there is doubt about whether a patient is active, sending the letter is the prudent approach.

Medical records

Legally, the records are the physician's property, not the patient's, however, the law strictly protects the patient against disclosure of confidential information in the records. Records can be transferred legally to another physician only with the prior written consent of the patient in question. A doctor should protect himself when transferring records to another physician by means of a good cover letter accompanying the records, similar to the following: "Mrs. Patient has asked me to send you the enclosed records. I am sure you understand that for medicolegal reasons I may need to

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ave access to these records at some
ature date. Thank you."

Statutes of limitation (setting forth
he date after which a suit cannot be-
gin) are often not so clear cut as you
may think. There are numerous ex-
ceptions, and factors vary from state to
state. This must be reviewed carefully
with your legal advisors to insure
proper chart storage.

How should you store the charts
for which patients have given no in-
structions, to have them available to
defend against malpractice or aban-
donment claims? They could be stored
in bulk in relatively safe and inexpen-
sive space such as a warehouse, or
perhaps in the practice's office if the
succeeding physician is willing to re-
tain and protect them. Alternatives
such as microfilm should be explored
too.

Financial records

It is advisable to keep financial doc-
umentation for at least three years
after an income tax return has been
filed. Generally, the Internal Revenue
Service cannot assess additional tax
beyond that period.

Malpractice insurance

Generally, once you totally retire
from practice, you need not carry any
more malpractice insurance protec-
tion. Most professional liability
policies are issued on an occurrence
basis, covering insureds indefinitely
for events that occurred when the in-
surance was in effect.

Some physicians have claims-made
coverage, which requires that the pol-
icy be in effect at the time of the event
and when the claim is filed. If you have
this type of coverage, then consider
buying the coverage extension ("tail"
coverage) to protect yourself against
any claims made after retirement.
Check with your attorney or malprac-
tice insurance representative if you
have any doubts about your coverage.

A doctor should never get rid of any
malpractice insurance policies. A
claim from the distant past may re-
quire evidence of your coverage.

Accounts receivable

In the letter to patients described
above, a physician should mention col-
lections to the patients. It must be
done in a discreet, not a demanding,

fashion so that accounts can be settled
as soon as possible.

Just prior to closing, send notices to
all patients who still owe money. You
may consider keeping an employe on
for a short time to close up these loose
ends in collections. As a last resort,
outstanding accounts should be
turned over to a collection agency.

Employees

Treat your employes fairly. Quite
often, they have worked for you for
many years in a loyal and competent
fashion. Your Office Policy Manual
should set forth the amount of notice
and/or separation pay to which your
employes are entitled. Many doctors
will do all they can to find their
employes another job.

Conclusion

No doctor can simply lock his files,
disconnect the phones, shut the office
door and never return. Closing a prac-
tice is an involved procedure. To do it
smoothly, plan things out well regard-
ing notification of patients, records
storage, malpractice coverage, collec-
tions, and personnel.

Cardiopulmonary bypass and Factor XII deficiency

Joseph Candio, MD

David Prager, MD

Factor XII (Hageman) deficiency most commonly is diagnosed serendipitously in hospitalized patients. Usually in routine coagulation studies, it is revealed unexpectedly by a prolonged activated partial thromboplastin time (APTT) or Lee-White clotting time (LWCT). In most cases, questioning the patient provides no family history of bleeding or hemorrhagic problems associated with previous surgical procedures.

This report documents the course of a patient with Factor XII deficiency who successfully underwent coronary artery surgery with cardiopulmonary bypass uncomplicated by hemorrhagic manifestations.

Case report

The patient, a 62-year-old woman, was admitted to the Allentown-Sacred Heart Hospital Center during December 1978, with the chief complaint of exertional angina which had been progressive over the past several months. She had a 14-year history of diabetes mellitus treated with Chlorpropamide, 250 mg daily.

Four years prior to admission, she sustained an uncomplicated fracture of the right upper extremity. She also was treated for a spontaneous retinal detachment six months prior to admission. Her past history included a hysterectomy prior to which she gave birth to two children by vaginal delivery. All procedures were performed without hemorrhagic sequelae.

Admission laboratory tests revealed a prolonged APTT of greater than 150 seconds. This was substantiated with a repeated testing the following day. Monospecific factor assays revealed normal levels of Factors VIII, IX, and XI; but Factor XII revealed an activity of less than 1 percent.

Cardiac catheterization with ventriculogram and selective coronary arteriogram was performed without incident and without the patient receiving any plasma infusions. Ninety-five percent obstruction at the os of the right coronary artery as well as 80 to 90 percent obstruction of the proximal left anterior descending and circumflex arteries were demonstrated. The left ventricular ejection

fraction was 80 percent.

The patient subsequently underwent coronary artery surgery, without receiving any preoperative plasma transfusion. A bolus injection of heparin was given and the patient was placed on cardiopulmonary bypass after cannulation of the ascending aorta and right atrium. During surgery, the patient received four units of five-day-old or less packed red blood cells and no fresh plasma.

The total bypass time was 50 minutes and heparin was neutralized with a calculated dose of protamine sulfate. Intra-operatively and postoperatively, there was no excessive blood loss. The Factor XII assay 24 hours postoperatively was less than 1 percent.

Discussion

Factor XII deficiency was first reported by Ratnoff and Colopy in 1955 when a patient with the surname of Hageman was found to have a prolonged LWCT.¹ Further evaluation by Ratnoff and Colopy established a new plasma clotting protein, Factor XII or Hageman factor.

Hageman's prolonged LWCT had not been associated with any prior hemorrhagic diathesis despite his past history of major surgery. In fact, many patients with the Hageman factor deficiency do not have bleeding tendencies and are asymptomatic,² nonetheless, hemorrhagic complications, though uncommon, have been described in patients with the Hageman deficiency.³⁻⁶

A more accurate prediction of bleeding is gained by reviewing the patient's bleeding experiences with prior surgical procedures. The patient with a Hageman deficiency who has bled in the past with surgical procedures is more likely to bleed again when exposed to surgical trauma.

The Hageman factor concentration

Dr. Candio is a resident in the department of medicine and Dr. Prager is chief of the hematology/medical oncology division at Allentown-Sacred Heart Hospital Center. The authors acknowledge Robert M. Post, MD, for his clinical assistance in the diagnosis.

of normal plasma ranges between 3 percent and 152 percent of the mean normal level. A deficiency of Factor XII generally is considered to be inherited as an autosomal recessive trait.⁷ Smink and colleagues have described immunologic methods for detecting the Hageman factor.⁹ Their results demonstrated that Factor XII is absent or immunologically altered in the plasma of patients deficient in Hageman factor.

Our patient was discovered to have Factor XII levels less than 1 percent and subsequently underwent coronary artery surgery without hemorrhagic sequelae. The patient received no replacement plasma therapy prior to surgery nor did she require plasma products postoperatively.

To our knowledge, there have been no prior reports of patients with Hageman deficiency who successfully have undergone cardiopulmonary bypass surgery.

We have reported this in order to underscore the usual lack of hemorrhagic diathesis in patients with this coagulation protein deficiency. This report also may encourage other physicians to permit patients who lack Factor XII to undergo semi-elective major surgical procedures, such as cardiopulmonary bypass, that involve coagulation problems.

REFERENCES

1. Ratnoff, O.D., Colopy, J.E.: A familial hemorrhagic trait associated with a deficiency of a clot promoting fraction of plasma. *J Clin Invest* 34:602, 1955.
2. Houghie, C.: Hemophilia and related conditions: congenital deficiencies of prothrombin (Factor II), Factor V, and Factors VII-XII. *Hematology*, 2nd edition, edited by W.J. Williams et al, McGraw-Hill, New York, 1977, p. 1416.
3. Biggs, R. et al: Defects in the early stages of blood coagulation: a report of four cases. *Br J Haem* 4:177, 1958.
4. Didisheim, P.: Hageman factor deficiency. *Arch Int Med* 110:170, 1962.
5. Bok, J. et al: Moderate Factor XII deficiency. *Thromb et Diath Haemor* 13:8, 1965.
6. Haanen, C. et al: A case of Hageman factor deficiency and a method to purify the factor. *Thromb et Diath Haemor* 5:201, 1960.
7. Ratnoff, O.D.: The biology and pathology of the initial stages of blood coagulation. *Progress in Hematology*, edited by C.V. Moore and E. Brown, Grune and Stratton, New York, 1966, Vol 5, p. 204.
8. Ratnoff, O.D., Steinberg, A.G.: Further studies on the inheritance of Hageman trait. *J Lab Clin Med* 59:980, 1962.
9. Smink, M. et al: Immunologic demonstration of a deficiency of Hageman factor like material in Hageman trait. *J Lab Clin Med* 69:819, 1967.

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References: 1. Paulson GW. *NY State J* 79: 193-195, Feb 1979. 2. Hollister LE. Antipsychotic medications and the treatment of schizophrenia, chap. 9, in *Psychopharmacology: From Theory to Practice*, edited by Barcha et al. New York, Oxford University Press, 1978, pp 134, 145. 3. Domino EF. Antipsychotic phenothiazines, thioxanthenes, butyrophenones and rauwolfia alkaloids, chap. 25, in *Drug Pharmacology in Medicine*, ed. 4, edited by DiPalmo JR. New York, McGraw-Hill Book Company, 1971, p. 476. 4. Savner R. Drug Extrapyramidal syndromes and other neurologic side effects of psychotropic drugs, in *Psychopharmacology: A Generation of Progress*, Lipton MA, DiMascio A, Killam KF. New York, Raven Press, 1978, p. 1021. 5. Donlon P, Stenson RL. *Dis Nerv Syst* 37: 629-635, 1976.

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Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated.

Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy.

Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs.

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. IV administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly.

Limbitrol 10-25, initial dosage at three to four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage at three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) — bottles of 100 and 500, Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes at 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

How to initiate and maintain therapy

Select dosage strength appropriate for each patient

- ☐ Limbitrol 5-12.5 is recommended to minimize drowsiness and for elderly patients.
- ☐ Limbitrol 10-25 may be indicated for patients who tolerate medication without undue side effects.

Specify daily dosage based on symptom severity

- ☐ An initial dosage of three tablets is recommended.
- ☐ Dosage may be increased to six tablets or decreased to two tablets daily as necessary.
- ☐ Once a satisfactory response is obtained, patients should be continued on the smallest dose required to maintain the desired effect.

Utilize dosage options to best accommodate individual patient needs

- ☐ T.I.D. or Q.I.D., familiar regimens most suited for patients who tolerate medication without undue drowsiness.
- ☐ Two tablets one hour before bedtime and one tablet midday may minimize daytime drowsiness and help relieve a common target symptom — insomnia.
- ☐ Entire dosage h.s. to take maximum advantage of the sedative effect.

Your guide to patient management... when you decide medication is needed

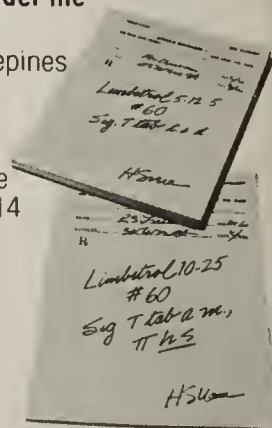
How to make each patient an informed patient

1. Discuss with patients the probability that they will experience drowsiness, especially during the first week.
2. Reassure your patients that drowsiness is one indication that the medication is working and that it may help alleviate their insomnia.
3. Encourage patients to report if drowsiness becomes troublesome so that, if necessary, dosage schedule can be adjusted.
4. Caution patients about the combined effects with alcohol or other CNS depressants. Let them know that the additive effects may produce a harmful level of sedation and CNS depression.
5. Caution patients about activities requiring complete mental alertness, such as operating machinery or driving a car.
6. Warn pregnant patients and patients of childbearing age that the safety of Limbitrol in pregnancy has not yet been established.

Please see complete product disclosure for other pertinent information.

Limbitrol should not be used under the following circumstances:

1. Hypersensitivity to benzodiazepines or tricyclic antidepressants.
2. Concomitantly with an MAO inhibitor. To replace an MAO inhibitor with Limbitrol, discontinue MAO inhibitor for a minimum of 14 days before cautiously initiating Limbitrol therapy.
3. During the acute recovery phase following myocardial infarction.



ROCHE

ROCHE PRODUCTS INC.
Manali, Puerto Rico 00701

In moderate depression and anxiety
Limbitrol®
Relief without a phenothiazine

DESCRIPTION: Methyltestosterone is 17β -Hydroxy- Δ^4 -androst-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **EFFECTS:** In the male: 1. Eunuchoidism and hypogonadism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-puberal cryptorchidism. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and hypogonadism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.; Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250 Rx only.

When impotence due to androgenic deficiency.

Android[®]/5^{Buccal}/10^{Oral}/25^{Oral}
mg. mg. mg.

methyltestosterone U.S.P. Tablets

well absorbed oral androgen.

Additional indications: Replacement therapy. When androgen deficiency is the cause of:
male climacteric/eunuchoidism, eunuchism/post-puberal cryptorchidism.



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PHYSICIANS WANTED

Lovely southwestern climate — multispecialty group seeking internist, ob-gynecologist, and family practitioner. A good situation. Contact Talton L. Francis, Eastwood Medical Center, 10301 Gateway West, El Paso, Texas 79925; (915) 592-0201.

Physiatrist — Private practice opportunity exists in the Allentown and Bethlehem, Pennsylvania area for a diversified practice of Physical Medicine and Rehabilitation. Superior intellectual, social, and financial rewards await you. Vincent D. Stravino, MD, St. Luke's Hospital, Bethlehem, PA 18015. Office - (215) 691-4315. Home - (215) 868-1437.

Psychiatrist and physicians — Board certified or Board eligible Pennsylvania licensure required. Immediate openings. Excellent opportunity to work in developing new programs in a state hospital. Salary competitive. Limited housing available. Excellent fringe benefits. 40 miles east of Pittsburgh. Call (412) 459-8000 or write to Ray Bullard, MD, Superintendent, Torrance State Hospital, Torrance, PA 15779. An Equal Opportunity Employer.

Physicians needed — Excellent practice opportunities for physicians in the following specialties: Family Practice, Pediatrics, Oncology, and Anesthesiology. Bloomsburg, PA is ideally located in East Central Pennsylvania along the North Branch of the Susquehanna River. A beautiful community of moderate size with excellent cultural and educational facilities creating an excellent quality of life. Bloomsburg is the county seat; home of Bloomsburg College and gateway to the Pocono Vacation Land. Join the Active Medical Staff of a 150-bed, nonprofit, general acute care, JCAH accredited hospital. Design your own suite in a newly completed 4-story professional building adjacent to the hospital. Economic and administrative incentive program available. Send curriculum vitae in confidence to: D.E. Chomiak, Administrative Assistant, Bloomsburg Hospital, 549 E. Fair St., Bloomsburg, PA 17815 or phone collect (717) 784-7121.

Medical Director, Clinical Director, Staff Physicians — State Geriatric facility located in a historical and recreational region of South Central Pennsylvania. Excellent facilities for year round relaxation. Easily accessible via interstate highway and air to metropolitan areas. Residence on grounds considered. Good salary with exceptional benefits, including retirement plan, 13 paid holidays, vacation/personal/sick leave, group life insurance, continuing education allowance, and professional liability coverage. 37.5 hour work week. Additional compensation for call time. Pennsylvania residence required. To arrange for an interview, please contact: James J. Plassio, Personnel Director, South Mountain Restoration Center, South Mountain, PA 17261; (717) 749-3121. An Equal Opportunity Employer.

Emergency medicine — Western Pennsylvania and Ohio: Full and part-time opportunities throughout the region in low to high volume emergency departments. Spectrum Emergency Care, the leader in emergency medicine management, offers excellent compensation, paid professional liability insurance, flexible scheduling without on-call involvement. For details contact Neal Shannon collect at 614-457-9761, or send credentials in complete confidence to 3720-B Olentangy River Road, Whetstone Medical Center, Columbus, Ohio 43214.

Internist — wanted for private nonprofit community health center. Must be able to qualify for hospital privileges. No overhead. Although position offered as full-time and year-round, we are willing to also consider applicants wishing summer leave of absences. Contact: Administrator, Mid-County Medical Center, 8190 Okeechobee Blvd., West Palm Beach, Florida 33411.

Immediate opening — exists for an Emergency Room Physician in a recently expanded 378-bed, JCAH approved general hospital. Facility provides a new, ultra-modern emergency facility. Hospital is located minutes from the famous Pocono Mountains resort and other leisure, cultural, and recreational areas and is within two hours driving distance of either Philadelphia or New York City. Area provides outstanding housing facilities and numerous quality institutions of higher learning. Compelling starting salary is supplemented by a diverse, enriching fringe package all set in an atmosphere of dynamic, professional interaction, growth, and challenge. Reply to Director of Emergency Services, c/o Personnel Office, Mercy Hospital, 746 Jefferson Avenue, Scranton, PA 18501, or call (717) 348-7536. Equal Opportunity Employer.

Physician — MD wanted to work in the city of Greensburg area of western Pennsylvania for internal medicine and family practice. Minimum requirements: 1-Valid license to practice in the state of Pennsylvania. 2-Two years residency training in internal medicine. 3-Three years of practice in internal medicine and family practice. Salary \$2,500.00 a month. Respond in writing with full resume to Employment Office, 301 S. Arch Street, Connellesville, PA 15423, c/o Mrs. Helen Ruggieri.

Physicians — for clients in Pennsylvania and Massachusetts. Specialists in IM, FP, PD, ENT, psychiatry, physical medicine, orthopedic surgery, and neurosurgery. Please call E.J. Mowbray (215) 348-8700.

Emergency Medicine: Wellsboro — Career opportunities in scenic northern Pennsylvania. Seeking physicians for Emergency Medicine group in rural community hospital. Superb area for outdoor activities. Competitive salary and excellent benefit package with generous continuing medical education leave. Staff appointment includes affiliation with large tertiary care institution and associate faculty of Emergency Medicine Residency Program at Geisinger Medical Center. Contact Mark P. Rorem, MD, Director of Emergency Medicine, Soldiers and Sailors Memorial Hospital, Wellsboro, PA 16901; (717) 724-1631.

Munster, IN — Family Phys., Gen. Internists, ENT, Orthopedists, Gen. Surgeons needed for large midwest multi-specialty group. Competitive first year salary with opportunity for early partnership; all fringes Clinic paid. Excellent opportunity to inherit existing and develop your own practice. Call or send CV to: T.F. Hoffreth, Hammond Clinic, 7905 Calumet Ave., Munster, IN 46321; (219) 836-5800.

Emergency Medicine: North Central PA — Geisinger Medical Center, a large tertiary care institution, is seeking physicians for directors and staff positions for its several new emergency medicine contracts. GMC is now contracting to manage and staff are emergency departments in a variety of community hospitals. Superb area for outdoor activities. Competitive salary and excellent benefits package with generous continuing medical education leave. Staff appointment includes affiliation and associate faculty of Emergency Medicine Residency Program at Geisinger Medical Center. Send resume or contact: Mark P. Rorem, MD, Director, Department of Outreach Emergency Medicine, Geisinger Medical Management Corporation, Danville, PA 17822 (717) 271-8120/(717) 724-1631.

Medical group forming — immediate attending staff physician positions available. Possible academic affiliation. Regular hours with guaranteed salary and benefits. Background in primary care internal medicine, or family practice. Contact: Dr. Irving Abramson, Suite 400, 399 Market Street, Philadelphia, PA 19106, or telephone (215) 925-3633.

Family practitioner needed — board-eligible or board certified, full time position for a multispecialty primary care center. Located in northeastern Pennsylvania, 20 minutes from Pocono Mountain resorts and within 2 hours of New York City and Philadelphia. Position available on July 1. Competitive salary and fringe benefits. Contact Alfonso Gomar, MD, Medical Director, 19 Wyoming Ave., Scranton, PA 18509. Scranton Primary Health Care Center is an Affirmative Action/Equal Opportunity Employer. Telephone (717) 344-9684.

Pediatrician and other physicians wanted — for Bethel Park, Pennsylvania, suburb of Pittsburgh, 35,000 people. New professional building. Call (412) 833-6188.

Orthopedic surgeon wanted — associate for well established orthopedic clinic in eastern Pennsylvania. First year, salary plus percentage. Partnership after one year. Board eligibility required. No investment needed. Write Department 709, PENNSYLVANIA MEDICINE, 20 Erford Road, Lemoyne, PA 17043.

Staff psychiatrists — positions immediately available. Our hospital is looking for psychiatrists with fresh ideas and strong connections on public sector mental health care. We are located in a pleasant, residential Northeast Philadelphia and can offer the area's unparalleled opportunities for professional growth and development. Good salary and benefits. Requirements are PA state license and board certification or eligibility. Contact, in strict confidence: Franklyn R. Clarke, MD, Superintendent, Philadelphia State Hospital, 14000 Roosevelt Blvd., Philadelphia, PA 19114; (215) 671-4101.

Emergency physicians — Philadelphia and suburban Philadelphia hospitals. Fee for service with minimum guarantee, 42 hr. per week avg. Experience preferred but will consider all applicants. Contact Teddy Trout (215) 438-0390 for further details or send CV to EMSS, 5555 Wissahickon Ave., Suite L6, Philadelphia, PA 19144.

Pennsylvania Emergency Physician — 200-bed general hospital located in western Pennsylvania university community. New modern Emergency Department. Salary highly competitive. PA license required. Contact: William B. Yeagley, MD, Director of Department of Emergency Services, Indiana Hospital, Indiana, PA 15701.

Pennsylvania — Emergency physician system. Needs several fulltime emergency physicians for Western Pennsylvania area emergency departments. Independent contractor arrangements. Eligible for corporate membership within two years. The system on a "fee-for-service" basis. Contact: (412) 228-3400 for interview appointment.

Physician placement by physicians — unique hospital, group, and solo opportunities available in all specialties throughout Pennsylvania and coast-to-coast. Urban, suburban, and rural openings. Forward C.V. with your objectives in confidence to J.C. Staschak, MD, & Associates, 5th Floor - M, Manor Building, Pittsburgh, PA 15219, (412) 765-3555 (answers 24 hours).

Emergency medicine opportunities available — Opportunities available to assume clinical and directorship responsibilities in several emergency departments located in western Pennsylvania. Excellent income, flexible scheduling, and paid professional liability insurance. Part-time opportunities also available. For details, send credentials in confidence to Mr. James Thomas, 230 Park Avenue, Suite 303, New York, New York 10169, or call collect (212) 599-0060.

Neuroradiologist — clinical responsibility. Chief of neuroradiology section with teaching as associate professor or professor. Excellent opportunity for research. Send curriculum vitae and bibliography to Marc S. Lapayowker, MD, Temple University Hospital, 3401 N. Broad St., Philadelphia, PA 19140. An Affirmative Action, Equal Opportunity Employer.

House Staff Physician — Excellent opportunity for a *Pennsylvania licensed* physician to serve in a responsible position of a modern suburban Philadelphia, 286 bed hospital. JCAH accredited. \$40,000 per year plus vacation, sick leave, paid pension plan, hospitalization, malpractice insurance, and disability insurance. Some evening and night duty required. For further information, contact John F. Dunleavy, Assistant Executive Director, Holy Redeemer Hospital, Meadowbrook, PA 19046; telephone (215) 947-3000.

Pennsylvania, Chester — emergency department physician for private physician group staffing EDs in Philadelphia and Delaware County. Must be PA licensed. 40 hr. week, competitive salary, paid malpractice, liberal fringe benefits, profit sharing. Send curriculum vitae to Emergency Medical Associates, Ltd., 15th & Upland Ave., Chester, PA 19013 or call (215) 874-8177.

Psychiatrist — board certified or board eligible. Mental hospital in metropolitan area. Easy access to New York, Philadelphia, and close to Pocono resort area. Good salary with excellent fringe and retirement benefits. Residence available. Pennsylvania license required. Contact George E. Gittens, MD, Superintendent, Clarks Summit State Hospital, Clarks Summit, PA 18411; (717) 586-2011.

New Jersey-Ancora — Immediate openings for New Jersey licensed staff psychiatrists in 1000 bed JCAH and AMA accredited psychiatric hospital. Affiliated with Temple University Hospital, department of psychiatry. Located 30 miles from Atlantic City and Philadelphia. Salary commensurate with training and experience from \$33,885 to \$50,435. Private practice after duty hours permitted. Liberal fringe benefits include Blue Cross, Blue Shield, and life insurance. Write Engracio Balita, MD, Medical Director, Ancora Psychiatric Hospital, Box-A, Hammonton, New Jersey 08037, or call (609) 561-1700, ext. 203.

Grow with us in sunny Arizona — The INA Healthplan needs physicians in family practice and most specialties in Tucson and Phoenix. Competitive salaries and comprehensive benefits including a professional development program, retirement plan, and group incentive bonus are provided. If team interaction and casual living interest you, send your CV to: Professional Relations, INA Healthplan, Inc., 6115 North 7th Street, Phoenix, AZ 85014.

NEEMA Emergency Medical — a professional association — Emergency medicine positions available with emergency physician group in PA, NY, NJ, VA, WVA, MD, and throughout New England, the Southeast, and the Midwest, including all suburban, rural, and metropolitan areas. Fee-for-service with minimum guarantee provided. Malpractice paid. Practice credits toward board certification. Physicians department directors also desired. Please send resume to: NEEMA Emergency Medical, Suite 400, 399 Market Street, Philadelphia, PA 19106 or phone (215) 925-3511 in PA, or 800-523-0776 outside PA.

Physician — during July and August, 1981 for children's camp located at Beach Lake, Pa., accommodates 350 campers, ages 6-16; complete modern Health Center; 2 RNs in attendance; will accept one MD for each month; no children accepted who are of

camp age. Camp opens June 27 and closes August 21. Private room and facilities. Write to Trail's End Camp, c/o Beach Lake, Inc., 215 Adams Street, Brooklyn, NY 11201, and include your phone number.

Pennsylvania licensed ob-gyn — to join established group practice in Philadelphia area. Call (215) 887-6781.

POSITIONS WANTED

Internist — wishes to purchase general internal medicine practice in the Harrisburg area. Will also consider early partnership. Write Department 857, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Young board certified DO — Family physician seeking practice opportunity in Philadelphia or metro area; solo, associate, or group practice. Very interested in quality care for all members of the family. Call evenings or Sundays - (215) 265-8987.

FOR SALE

Four bedroom colonial — in most desirable area of Cherry Hill, NJ. Only 1½ years old. Direct from owner. Priced at \$125,000. Call (609) 428-3679.

MISCELLANEOUS

Medical records administrator — Wernersville State Hospital has immediate opening for a medical records administrator. Must have attained or be eligible for designation as R.R.A. Excellent salary. Full benefits and retirement. Hospital is located 10 miles west of Reading, Pa. Write or call Personnel Director, Wernersville State Hospital, Wernersville, PA 19565; (215) 678-3411. An E.O.E.

Surgical technologist — or surgical assistant (P.A.). 381 bed community hospital, N.E. section of Philadelphia, Pennsylvania. Full time; salary competitive. Contact Nazareth Hospital (215) 355-6098.

Locum Tenens - CompHealth — Our medical group can place a well-qualified physician in your practice during your absence. For more information call or write: Comprehensive Health Systems, Inc., 175 West Second South, Salt Lake City, UT 84101; (801) 532-1200.

Emergency Medicine Career Opportunities

with

Practice Tract Program

New opportunity to combine Fee-For-Service Emergency Department Clinical activity and continuing education in emergency medicine. Career oriented emergency physicians combine clinical activities in the Philadelphia area with documented CME credits via the Practice Tract Program (an education program for our members which is organized by and accredited through the Office of Medical Education of a major medical teaching institution in Philadelphia). Also receives ACLS certification and certification of procedures leading to application for board certification in emergency medicine. Competitive minimum guarantee and clinical faculty appointments available when eligible. Continuing education credits awarded through affiliation with established emergency medicine program.

Call (215) 438-0390, or send CV to David K. Wagner, MD or Richard J. Murphy, MD, Emergency Medical Specialty Services, Inc., Suite L-6, 5555 Wissahickon Ave., Philadelphia, PA 19144.

MEDICAL DIRECTOR PM & R

Due to expansion of services, Allied Services Institute of Rehabilitation Medicine is currently seeking a board certified Physiatrist for the position of **MEDICAL DIRECTOR** at the 90-bed JCAH and CARF accredited facility. We are also seeking a board eligible or board certified **STAFF PHYSIATRIST** at the same facility. Allied Services is the largest comprehensive rehabilitation facility in the Eastern United States and is located at the foothills of the scenic Pocono Mountains, in close proximity to all East coast metro areas. This position offers excellent professional opportunities and a liberal fringe benefit package. Salary negotiable. For consideration, please forward curriculum vitae to:

Michael J. Aronica, MD
% Allied Services Institute
of Rehabilitation Medicine
475 Morgan Highway
Scranton, Pennsylvania 18508

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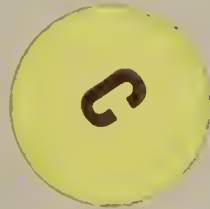
Pennsylvania Medicine

Vol. 84, No. 3

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When depression and anxiety merge into
anxious depression

WHY LIMBITROL...



FOR ALL THESE REASONS:



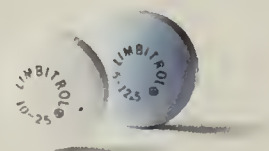
1. Specifically formulated for nonpsychotic patients requiring medication for moderate anxiety and depression — patients who rarely need a phenothiazine.
2. Provides the well-established antidepressant action of amitriptyline and the specific antianxiety effect of Librium® (chlordiazepoxide HCl/Roche), a benzodiazepine with a notable record of safety and patient acceptance.
3. Rapidly relieves a wide range of symptoms without a phenothiazine.
4. Minimizes risks of tardive dyskinesia and other extrapyramidal side effects.*
5. Better tolerated than amitriptyline alone — enhances patient compliance.
6. Available in two strengths for dosage flexibility and simplicity.
7. Convenience — one prescription to write, one prescription for the patient to have filled, and usually one tablet to take.

In moderate depression and anxiety

Limbitrol®[®] [®]IV

Tablets 5-12.5 each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)

Tablets 10-25 each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt)



The nonphenothiazine formulation for the nonpsychotic patient

*The causal relationship between the phenothiazines and extrapyramidal side effects, including tardive dyskinesia, is well established. In contrast, the reported incidence of these adverse reactions with Limbitrol or either of its components is rare.

Please see summary of product information on following page.

LIMBITROL® TABLETS (IV) Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use; then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage; withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated. Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely. The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extropyrromidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, block tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

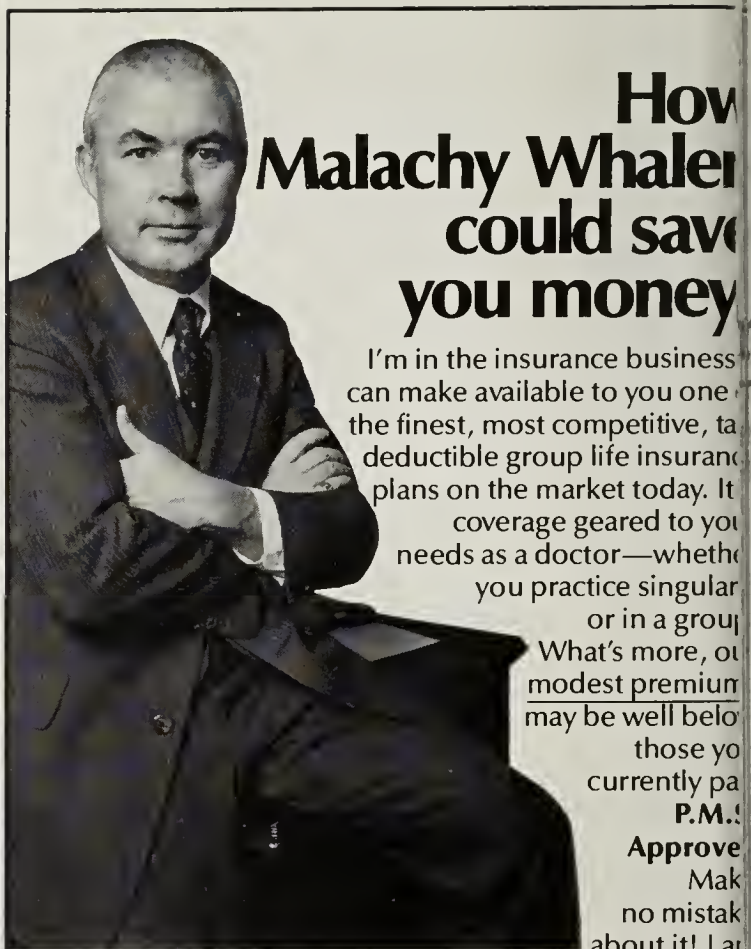
Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500, Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10; Prescription Paks of 50.

ROCHE
ROCHE PRODUCTS INC.
Monrovia, Puerto Rico 00701



How Malachy Whalen could save you money

I'm in the insurance business and can make available to you one of the finest, most competitive, tax-deductible group life insurance plans on the market today. It's coverage geared to your needs as a doctor—whether you practice singular or in a group. What's more, our modest premium may be well below those you currently pay. P.M.!

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offering you a reliable, first-quality, group package. It is recommended by the Pennsylvania Medical Society and is available only to its members.

This program features a stable rate base. You should experience no wild fluctuation in annual premiums. In fact, most years, generous premium dividends have been paid back to the insured.

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Experience has shown me that doctors—particularly those who are just starting out—have two major concerns about group life insurance. First, what is the rate structure? Second, is it tax deductible?

I have already answered the first question; we offer excellent rates on excellent coverage. In response to the second question, this group coverage is fully deductible to \$50,000.

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This program offers a guaranteed issue, depending upon the size of your firm. Corporations with one-to-four employees, coverage will be guaranteed \$10,000; four-to-nine employees, \$20,000; ten-to-fourteen, \$30,000; and fifteen or more, \$50,000. No medical exam will be required to enroll.

Allow me to emphasize this is reliable group coverage especially designed for the professional corporation. I will respond to your needs as they arise.

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Pittsburgh, Pennsylvania 15222
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Insurance program underwritten by Union Central Life Insurance Company, Cincinnati, Ohio.

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PMS BOARD SUPPORTS ACTION OR AMENDMENTS TO ACT 111

The creation of a malpractice tribunal screening system to weed out nonmeritorious medical malpractice suits is one of the goals of a program of activities approved by the PMS Board February 4. A background paper on the malpractice climate, a summary of the PMS bill, and a president's letter are part of the communications package to support the Society's campaign to amend Act 111. The key amendment would establish a malpractice tribunal system administered by the courts. Composed of a common pleas judge, an attorney, and a physician in the relevant specialty, a panel would meet within 80 days of the filing of a suit to consider affidavits, medical records, and written briefs. If a tribunal finds insufficient evidence, a plaintiff could continue to trial only after posting \$2,000 bond, from which the defendant's costs would be paid if the plaintiff's suit fails. Other amendments to Act 111 would permit voluntary binding arbitration and place restrictions on the method of paying awards.

BOARD OF TRUSTEES OKs UNIVERSAL CLAIM FORM

The PMS Board on February 4 approved Health Care Financing Administration Claim Form 1500 (with modifications) as a universal claim form in Pennsylvania. A two year period of negotiations by the Society's Council on Medical Economics with the Department of Public Welfare, Blue Shield, and medicare officials led to the acceptable modification of the AMA model. The use of HCFA Form 1500 should result in less confusion and fewer errors in filing for payment.

AMA FOUND INNOCENT IN CHIROPRACTIC SUIT

A federal court jury in Chicago on January 30 returned verdicts of innocent in the antitrust suit brought by chiropractors against the AMA and 15 other defendants. The five-year-old, \$673,000 suit charged the defendants conspired to isolate and eliminate chiropractic by various means. At issue was the AMA's right to describe unscientific medical practices as quackery. In 1978 the Pennsylvania Medical Society settled a similar suit here so that all resources of organized medicine could be directed to the Chicago suit. The decision in the Chicago case reinforces a provision in the Pennsylvania settlement safeguarding the right of PMS to speak out on quackery. An appeal of the Chicago verdict is expected.

SUIT DELAYS ENFORCING MEDICAID ABORTION CURB

Women on welfare can continue, temporarily, to have abortions paid for by Pennsylvania's Medical Assistance Program. A U.S. District Court order stopped the implementation of the Department of Public Welfare rule which would have barred medicaid coverage on February 15 for virtually all abortions. Judge Louis C. Bechtel issued the temporary restraining order February 13 telling DPW to continue paying for abortions because it had failed to give the required 60-day notice of change of regulations.

STATE PEDIATRIC SURGEON
JOINS REAGAN TEAM AT HHS

C. Everett Koop, MD, chief surgeon at Children's Hospital of Philadelphia, goes to Washington March 9 to become deputy assistant secretary of health in the Department of Health and Human Services. The head of HHS also is a Pennsylvanian, Richard C. Schweiker. The 64-year-old pediatric surgeon is expected to be appointed U.S. surgeon general as soon as Congress removes the age limitation for that post. Dr. Koop, who has been the surgeon in chief at Children's since 1948, achieved world-wide fame performing complex surgery separating Siamese twins.

NEW TAX ON CIGARETTES
TO FINANCE CANCER ACT

A proposal to increase the state cigarette tax to fund the 198 Cancer Control Act received the approval of the PMS Board of Trustees February 4. Adopted in the final days of the General Assembly's 1979-80 session, the Act creates a cancer registry and a cancer research and prevention advisory board.

PHYSICIANS' FEES FROZEN
IN GOVERNOR'S BUDGET

Governor Thornburgh's budget proposal was sent to the legislature early in February minus increases for physicians' services to medicaid patients. The Department of Public Welfare proposal called for a \$2.00 increase for an office visit and increases of approximately 25 percent in the medical/surgical fee schedule, but the governor's office made the decision to freeze the fees. The Appropriations Committees of both houses will meet with DPW officials on the welfare budget in March. The legislature still can reinstate the increases in physicians' fees if it determines such increases are necessary to the continuation of quality medical care for the poor. The Society's Board of Trustees approved February 4 a five-point program to solve medicaid problems. It is scheduled for publication in the April issue.

SENATE CONFIRMS THREE
FOR STATE MEDICAL BOARD

Three physicians appointed by Governor Thornburgh to the State Board of Medical Education and Licensure have been confirmed by the Senate. John H. Moyer, MD, of Johnstown, replaces Philip Ingaglio, MD, of Philadelphia; Nelson Aspen, MD, of Paoli, replaces George Hudock, MD, of Courtdale; and Joseph T. Marconis, MD, of Pottsville, replaces John W. Robertson, MD, of Philadelphia. Terms had expired for Drs. Ingaglio, Hudock, and Robertson. At the medical board's reorganization meeting, Richard C. Lyons, MD, of Erie, was elected chairman. Meanwhile, the February 10 hearing in Commonwealth Court on the Society's suit concerning the biennial registration fee for physicians was postponed. Attorneys' negotiations are continuing.

PHYSICIAN ASSISTANTS
SUBJECT OF HEARINGS

Raymond C. Grandon, MD, PMS President Elect, testified February 25 at a public hearing in Harrisburg on proposed regulations for physician assistants in Pennsylvania. The state medical and pharmacy boards scheduled the hearings after receiving over 300 letters of protest following publication of the proposed rules. Additional hearings are scheduled for March 4 in Pittsburgh, March 11 in Erie, and March 18 in Philadelphia. Dr. Grandon expressed PMS concern about the long delay in proposing regulations, and restated that physician assistants are "dependent practitioners."

Pennsylvania Medicine



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Physician's role crucial in equitable workers' comp plan

Workers' Compensation is in trouble in Pennsylvania—financial trouble. "Pennsylvania employers paid \$1.15 billion in premiums to private (insurance) companies in 1979. That was a 33 percent increase over 1978 which was a 34 percent increase over 1977. . . (D)espite increases in premiums, insurers suffered a combined loss and expense ratio of 100 percent in 1979." This telling assessment appeared in *Insurance Commentary*, Vol. 4, No. 2, p. 4. Worse yet is that according to the *Commentary*, the situation is not unique to Pennsylvania.

The cause of the tremendous increase in Workers' Compensation is not readily apparent and thus accusations are flung indiscriminately among actors who ought to be in cooperative rather than adversary roles. Lawyers, physicians, insurance companies, and workers' representative spokesmen (i.e. unions) point to each other. Probably none of these is guiltless. It is also likely that each could contribute more to the cost containment of Workers' Compensation.

Physicians are in a unique professional position to ensure that the injured worker receives proper medical care and follow up, as well as just compensation for his disability. An editorial by Leonard Kurland, MD, entitled "A Grand Fraud," which originally appeared in the *Los Angeles Times* and was reprinted in the December 5, 1980, *American Medical News*, points out the possibility of deception in Workers' Compensation. Exaggeration of disabilities and faked injuries may be tough to discover, difficult to prove, and ticklish to eliminate. The alleged collusion alluded to by Dr. Kurland is within the realm of the possible. It seems, however, that this 'expose' is a rather simplistic answer to rising compensation disbursements.

The old adage, most accidents happen at home, has

perhaps obscured our vision of work-related or occupational disease. On average about a third of adult life is spent on-the-job, so work-related injury or disease should not be treated as a rarity. Complete, meticulous history with inquiry into the working conditions and environment, newer diagnostic techniques, and the tremendous strides in medical knowledge probably account in large part for rising Workers' Compensation payment.

Workers' Compensation should be recognized for what it was intended, insurance for the worker against the devastating effect of occupational disease, e.g. black lung, asbestosis, and disabling injury either acute or chronic. The worker who has truly suffered occupational disability should not be denied the opportunity for full recovery through financial aid and support simply because, in the past, we had failed to completely grasp occupation and disease relationships or to provide suitable insurance for these.

Physicians bear the responsibility for preventing distortion of the Workers' Compensation system for financial gain, for extended unnecessary sick leave, or for malingering. But physicians also have an obligation to see that their patient receives the best treatment possible not just for the disease, but for the whole person.

Physicians, attorneys, and workmen must assume the moral and legal responsibility for fair and just compensation for work-related accidents and illnesses. Rising costs place undue pressure on the financial status of every worker, professional and nonprofessional alike. Workers' Compensation is an equitable system but we must make it effective for all individuals involved.

David A. Smith, MD
Medical Editor

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newsfronts

Cornerstone set for Society's headquarters expansion



Dr. Maurer (center) places PENNSYLVANIA MEDICINE in cornerstone. Onlookers are (from left) Dr. Cooper, Mr. Rineman, Drs. Gehris, Lovette, Grandon, Mr. Smither, Mrs. Jordan, Drs. Davis, and Keck.

Another step toward completion of the PMS headquarters expansion, the cornerstone ceremony, took place February 4. In just a month, the first occupants of the new wing, the staff of the Pennsylvania Medical Society Liability Insurance Company, will move in.

The symbolic ceremony allowed the

PMS family to place in a box inside the stone a number of mementos, including photographs of the construction, a tape recording of the cornerstone ceremony, and copies of PENNSYLVANIA MEDICINE.

The \$3 million project has added 33,000 net square feet to the State Society's headquarters in Lemoyne and

has provided parking for more than 200 cars. The expansion consists of a four story addition to the present structure and an adjoining five story parking facility.

David J. Keck, MD, chairman of PMS Building Committee, presided at the cornerstone ceremony. In his opening remarks, Dr. Keck reminded onlookers in the PMS lobby that "less than a year ago, the area next door was only a parking lot."

As early as January 1979, the Building Committee had reported to the Board of Trustees that as the Society approached its 13th year of occupancy, available space in the Lemoyne headquarters building was diminishing. Meeting rooms had been converted to offices but even so, two or three desks had to be stationed in what had been single offices.

In May 1979, the Board of Trustees approved the \$3 million project. Groundbreaking ceremonies were held in May 1980. The entire addition makes maximum use of the 2.5 acres that were available to the Society on the site.

The addition's architecture has many energy conserving features: solar



Pennsylvania Medical Society headquarters in Lemoyne



PMS leaders to meet April 22-23

Two days filled with presentations by twelve speakers await the leaders who will attend the Society's Officers' Conference at the Penn Harris Motor Inn, Camp Hill, April 22 and 23.

Leroy A. Gehris, MD, will open Wednesday's session with a six month report on his activities as president of the State Society.

A physician recently returned from Washington, D.C., will discuss his year as a Robert Wood Johnson fellow in the nation's capital. John W. Burnside, MD, professor of medicine and chief of internal medicine at the Pennsylvania State University College of Medicine at Hershey, completed his fellowship in August 1980.

The report of the Graduate Medical Education National Advisory Committee will be scrutinized by Leo M. Henikoff, MD, dean of Temple University School of Medicine, and by Paul C. Royce, MD, PhD, of the Guthrie Clinic Ltd., Sayre.

At 7:30 a.m. Thursday, the PMS Commission on Medicine, Religion,

and Bioethics will host a prayer breakfast. Gordon K. MacLeod, MD, professor and chairman of the health services administration department at the University of Pittsburgh School of Public Health, will place emphasis on medical ethics.

James R. Kimmey, MD, executive director of the Institute for Health Planning, a private consulting organization in Madison, Wisconsin, will deliver the Donaldson Memorial Lecture. Dr. Kimmey's lecture is entitled, "Competition in Health Care—Who Wins?"

Thursday's session will end with "A Look at HMOs from a Physician's Perspective." This look will be through the eyes of Edward J. Petras, consultant with Towers, Perrin, Forster, and Crosby in Minneapolis, Minnesota.

Guests of PMS invited to attend Officers' Conference include county society and specialty society representatives and presidents of hospital medical staffs.

nels atop the parking facility to help at it, and an underground spring at will be used to help cool the build-

Chief occupant of the new offices will be the Pennsylvania Medical Society Liability Insurance Company (MSLIC). The new building also will have meeting space for the PMS councils, committees, and commissions.

At the cornerstone ceremony, various PMS officers and staff placed memorabilia in the 55 square inch lead container. Participants included Leroy A. Gehris, MD, PMS president; Raymond C. Grandon, MD, president elect and Building Committee member; John B. Lovette, MD, past president and Building Committee member; Kenneth L. Cooper, MD, Finance Committee chairman; Carl N. Maurer, MD, Ninth District Trustee and Publication Committee chairman; Mrs. Herbert V. Jordan, Jr., PMS Auxiliary president; John F. Rineman, PMS executive vice president; and A. John Smither, PMSLIC president.

Ophthalmologists, otolaryngologists plan May meeting

Practice management studies plus a balanced program of scientific sessions, instruction courses, symposiums, residents' presentations, and surgical films will highlight the 37th annual meeting of the Pennsylvania Academy of Ophthalmology and Otolaryngology May 20-23 at the Bedford Springs Hotel, Bedford.

Physicians who attend the program will qualify for 15 category 1 AMA credit hours.

Jerome Dersh, MD, Reading ophthalmologist and Academy president, will preside. Donald B. Kameron, MD, Pittsburgh otolaryngologist, will be installed as 1981-82 president.

Guest of honor and special lecturer will be Irving H. Leopold, MD, DSc, professor and chairman of the ophthalmology department at the University of California, Irvine, College of Medicine. Dr. Leopold will discuss anti-inflammatory drugs in ocular disease. Leroy A. Gehris, MD, PMS

president, will be the honored guest.

The opening joint session Thursday, May 21, will feature the Paul Craig Symposium on "Ideas for improving your practice management."

For the first time this year, the Academy will sponsor a two-day "Basic Course in Allergy and Immunology for Otorhinolaryngologists" to precede the regular spring meeting. Registration will be Monday, May 18, with classes Tuesday and Wednesday, May 19 and 20. Course directors are Helen F. Krause, MD, Pittsburgh, and Phillip B. Mathias, MD, Morgantown, WV.

The faculty will cover major allergy subjects including, "How to Fit Allergy into a Busy ENT Practice," "Organization of the Immune System," "Goals of Clinical Immunology," "Radiology in Allergy," "Pearls in ENT Allergy," "Insect Allergy," and "Systemic Diseases Related to Allergy and Hypersensitivity."

Philadelphia CMS installs 120th president

Paul John Painsard, MD, was installed as the 120th president of the Philadelphia County Medical Society on January 21, 1981 at the society's annual dinner at the Union League.

Dr. Painsard has been in the private practice of psychiatry in Philadelphia for more than 30 years. He is professor of psychiatry at Jefferson Medical College. Dedicated to the private practice of medicine, Dr. Painsard has promoted the concept of a voluntary faculty at the college's teaching hospital.

Dr. Painsard is chairman of the Commission on Mental Health/Mental Retardation of the State Society and is director of Pennsylvania Mental Health, Inc. He also is president of the medical staff at Thomas Jefferson University Hospital. He has been president of the Philadelphia and Pennsylvania Psychiatric societies, Medical Club of Philadelphia, and Jefferson Medical College Alumni Association.

Other officers installed are Peter A. Theodos, MD, president elect; Edward J. Resnick, MD, vice president; Donald

Kaye, MD, secretary; and George Ross Fisher, MD, treasurer.

Dr. Theodos is in the practice of pulmonary medicine and is on the staffs at Lankenau Hospital and Thomas Jefferson University Hospital. He is a delegate to the State Society and also serves on the Commission on Therapeutics.

Dr. Resnick is professor of orthopedic surgery at Temple University Health Sciences Center and is di-

rector of Temple's Pain Control Center. Dr. Kaye is an internist who specializes in infectious disease. He is a delegate to the State Society. Dr. Fisher also is an internist. He serves on the State Society's Commission on Health Planning and Facilities and is an alternate delegate to the AMA.

A citation was presented to Sydney O. Krasnoff, MD, on completing his term as president of the society.

Dr. Painsard proposes medical staff presidents' council

Organizing a council of medical staff presidents is one of the first priorities of Philadelphia County Medical Society President Paul J. Painsard, MD. The council will aim to include 37 hospitals in the Greater Philadelphia area. Dr. Painsard already has had indications of interest in establishing the council from more than 50 percent of the medical staff presidents.

Dr. Painsard sees the purpose of the council as providing a forum for discussion of issues of mutual concern in the delivery of effective patient care.

He envisions a council working under the auspices of the Philadelphia County Medical Society.

At his installation dinner, Dr. Painsard pointed out the need for increased cooperation between hospital administrations and medical staffs.

Among ongoing problems faced by hospital medical staffs, he said, are those relating to administrative boards of trustees, local regulatory agencies, state and federal agencies, third party insurance carriers, and utilization reviewers.

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PMS, building for tomorrow, progresses in planning

Two cornerstones were set in place when the Society's Board of Trustees met February 4.

In addition to completing another step in the expansion of the headquarters building, the Board progressed in the formal planning begun in 1980. It adopted a mission statement, 15 objectives, and a series of tentative priorities on recommendation of the Committee on Planning and Evaluation.

The recommendations adopted February 4 are the latest and most significant manifestation of the committee's work, which was first reported in two articles in the November 1980 issue.

"Planning is a painstaking process," explained President Elect Raymond C. Grandon, MD, who is chairman of the Committee on Planning and Evaluation. "It's a matter of obtaining general agreement from members on what the important tasks of PMS are; the order in which they need to be done; the expected results; and the time, money, and manpower it will take to accomplish them. To do this,

you have to start at Point A and slowly work your way forward."

For PMS, Point A was data collection. The Board ordered a survey which asked all members to state their views on the Society's goals and performance. Key leaders were interviewed. With this information, the committee began to develop a mission statement.

"A clear definition of purpose or mission statement," Dr. Grandon said, "is fundamental to any organization. An organization's mission statement answers the question: why are we in business?"

Mission stated

"A mission statement," Dr. Grandon said, "is characterized by permanency, although emphasis may shift from one element of the statement to another, and perhaps even back again. A good statement does not ordinarily change over the years. It should be specific enough, however, to give real definition to the organization's activities."

After a good deal of work, the com-

mittee proposed the following statement, which the Board adopted:

The purposes of this Society shall be to federate the medical profession within the Commonwealth; to unite with similar medical organizations to form the American Medical Association; to represent the interests of the medical profession; to promote and support the advancement of medical science and the extension of medical knowledge; to advocate high standards of medical education; to uphold the ethics, integrity and dignity of the medical profession; to strive to make quality medical care available to the public; to advocate and support both public and private programs that will enhance the health and well-being of the public; to promote a professional, socioeconomic, and political atmosphere conducive to quality care; and to improve public understanding in regard to health.

"We felt it was not enough to agree on a statement," said Dr. Grandon. "The committee believed it was im-

Beaver County Medical Society tours Shippingport nuclear plant

To get acquainted with a "nuclear neighbor" in its backyard, physicians of Beaver County Medical Society recently toured the Duquesne Light Company nuclear plant in Shippingport.

Duquesne Light officials greeted more than 70 doctors and hospital administrators. John Allingham, health physicist for the company, briefed them on radiation safeguards.

A concern to examine and learn first

hand the benefits and advantages, as well as the risks and dangers, of a nuclear operation in the heart of heavily populated Beaver Valley prompted Society officers to arrange the visit.

After the tour, Niel Wald, MD, from the radiation medicine department at Presbyterian-University Hospital in Pittsburgh, discussed radiation accident management.



Checking for contamination



Apparatus for transporting radiation-contaminated persons to medical facility

important for everyone—the committee, the Board of Trustees, the House of Delegates, and ultimately the members themselves—to agree on what the statement means.”

The committee broke the mission statement into its basic components, called mission keys, and developed an interpretation for each. The Board of Trustees adopted the mission keys and the interpretations, and will send them to the House of Delegates next all.

Objectives developed

Next the committee turned its attention to the draft objectives which were developed at the Board's special planning meeting in September 1980.

Assisted by a staff task force, the committee spent two meetings on refining, selecting, and rewriting objectives.

The committee's report, as adopted by the Board February 4, shows the result of that effort. The report has some tentative priorities but the committee advised the Board not to take final action on priorities now. As programs to carry out the objectives are developed during the next planning phase, some variables may be uncovered that will have an influence on priorities.

The objectives are grouped in three categories: those which are most pressing or of overriding concern (top priority); those which are important, but less pressing now (second group); and those which are important, but not pressing. The committee made no attempt to impose any priority orders within each group at this time.

Here's what the committee presented and the Board adopted.

Top priority

- Increase our effectiveness vis-a-vis the legislature and the regulators.
- Increase membership at all levels of organized medicine.
- Work with specialty societies in order to strengthen the effectiveness of organized medicine.
- Train PMS leaders so they are convincing advocates of PMS positions and programs.
- Get appropriate reimbursement, fast and efficiently, for physicians through third party payors.

- Develop public relations plans that show how PMS advocacy for the profession ties into the public good.

Second group

- Deal effectively with issues of special concern to hospital medical staffs and medical school faculties.
- Protect the rights of all members to practice in a setting and under conditions of their own choice.
- Develop ways to deal successfully with conflicts that arise between PMS and other health-related associations.
- Develop a good system for disciplining substandard physicians.

Third group

- Work with others to preserve a pluralistic system of health care delivery and financing.
- Develop more influence with regard to medical schools in order to assure good quality physicians for the future.

- Make sure there is the right mix of medical manpower and distribution in Pennsylvania.
- See to it that quality programs of continuing medical education are available to members at a reasonable cost.
- Promote good health practices.

What happens next?

David Small, assistant executive vice president, who coordinates the staff work for the committee, believes the next step involves review of what PMS already is doing.

“We have to develop goals next,” he said. “Using the committee's definition, a goal is a step toward achieving an objective. A goal usually can be achieved in a year. In the process of setting goals, the committee must examine current PMS programs and compare them with the proposed goals. The next step comes this summer when goals and work plans are linked to the 1982 budget.”

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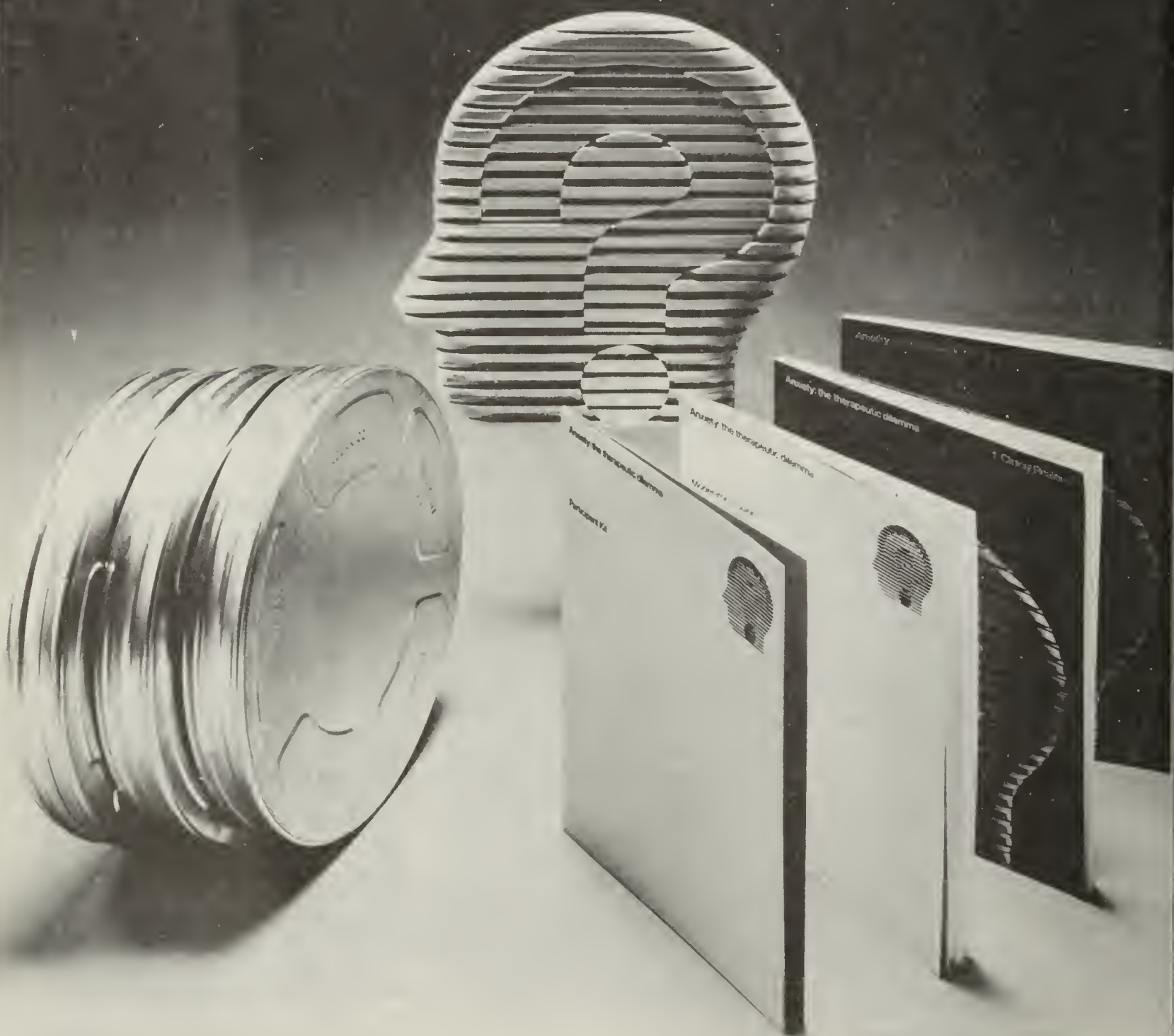
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(Reprinted from the *Bulletin of the Montgomery County Medical Society*)

A past president of the Montgomery County Medical Society recently brought a nine-year-old malpractice action to a successful conclusion. After a four-day trial and a 40-minute deliberation, a jury of the local Court of Common Pleas found for him.

Three times over the course of the preceding nine years, the physician refused to allow his attorneys to dicker for a settlement.

To summarize the case: A 63-year-old man came to the physician's office in 1971. He complained of oppressive chest pain, obviously a myocardial infarction, something even the patient suspected. He was willing to go to the hospital but not by the police ambulance as the doctor urged.

The patient insisted that he drive home, pick up his wife, and have her drive him to the hospital. The doctor reluctantly agreed with the patient's *modus* but urged that he not leave the car. He told the patient to attract his wife's attention by sounding the horn so that he could avoid needless exertion. The physician then typed a note of referral to the emergency room and telephoned the E.R. about an incoming myocardial infarction.

Two hours later, the physician was called to pronounce the patient dead in his second-floor bedroom. (The patient's

wife had not been home and he had gone to his bedroom instead of to the hospital.)

The physician returned that day to offer sympathy to the survivors but did not emphasize the patient's rejection of the police vehicle. As his lawyer later argued, this was his sole mistake. The family concluded from his visit that the physician had dismissed the patient poorly advised. In 1972, they brought suit for negligent death.

Almost nine years later, the case came to trial. The plaintiff asked more than \$500,000; the physician's policy limit was \$200,000. During the four-day trial, the physician heard himself labeled careless, off-handed, cavalier, untruthful, and callous.

His attorney, appointed by his malpractice carrier, elicited to the jury's satisfaction that the decedent had contributed negligently to his death. The verdict came back in favor of the physician.

This case shows that a determined physician who knows his action is just and who is willing to submit to the harrowing, mortifying, and frightening ordeal of trial, can find vindication in the judicial system.

We trust it will encourage other physicians to refuse to settle those cases which they feel are unjust and to place their faith in the same system.

Samuel S. Faris, MD
Norristown

Surprising twist in second opinion programs

For the past ten years or so, the medical profession has been accused of encouraging unnecessary surgery. The basis for this accusation was a poorly documented report from a medium size hospital. The inaccurate data of this report were extrapolated to a national level. These extrapolations, inaccurate as they were, then were used to substantiate the claim that the report documented a certified nationwide phenomenon.

Articles appeared in the lay press trumpeting the millions of cases of "unnecessary surgery." Attempts by the AMA to answer these unfair statements were either rejected out of hand or ignored. Furthermore, federally sponsored "studies" reinforced the claim. These studies stated that about one-third of the estimated 20 million surgical procedures performed each year in this country were unnecessary.

In 1978 a Congressional subcommittee reported that 2.4 billion Americans were subjected to unnecessary surgery in 1974 at a cost of \$4 billion and with a loss of 11,900 lives. On closer inspection, the data again were found to be based on supposition and transposition of highly questionable projections.

From these allegations came the demand for second opinion

surgical programs. The reasoning was simple. By having elective cases of contemplated surgery subjected to another look by a qualified surgeon, these "unnecessary" cases would be flagged and the number of surgical procedures would be reduced.

In 1976 Blue Cross and Blue Shield of Greater New York started a second opinion program and in November of 1980 they reported the results of a survey covering the first 1,500 patients to receive second opinions in this program. To the amazement of all the lay observers, far from decreasing surgery and hospital costs, the program had just the opposite effect! Hospital costs and surgery both were increased.

Actually, a relatively small number of surgical procedures had been avoided. In many cases the survey found that as a result of the second opinion program, patients were more likely to undergo surgery when the second opinion coincided with that of the original surgeon.

Did Blue Cross and Blue Shield of Greater New York hold a press conference to announce the results and vindicate the AMA? Not by a long shot. Instead, the results were presented in a paper at an unpublicized medical conference in New York City. The paper did not come to light until a medical reporter on *The New York Times* got word of it and

interviewed Steven Sieverts, a Blue Cross vice president and formerly an administrator of a Philadelphia hospital). Sieverts is quoted by *The New York Times* as follows: "We have come to believe that one of the consequences of our program is to increase the number of people who do follow their surgeon's recommendations for surgery." *The Times* reported that Blue Cross has the largest such program in the country. In obtaining a second opinion, a Blue Cross subscriber was given a choice of one of three recommended surgeons. In turn Blue Cross paid the consulting surgeon \$50 at no cost to the subscriber. The survey showed that 70 percent of the consultations resulted in patients being advised to go ahead with the recommended surgery. Of the remaining 30 percent, more than half of the consultants urged additional investigative and diagnostic procedures, or a month of additional medical care, before proceeding with the surgery. As Sieverts pointed out "instead of challenging the first surgical opinion, most of the second opinions reinforced them and made it more likely that the surgery would be performed." *The Times* polled "Health Officials" and noted that "the results might lead federal government and private hospital insurers to take a new look at their own programs to encourage second opinions." Also quoted by *The Times* was William Toby, the re-

gional administrator of the Federal Health Care Financial Administration. He said, "The findings of the Blue Cross survey are, of course, a surprise to us. Obviously, they will cause us to re-examine our second opinion program." The Federal Health Care Financial Administration is the financing arm of the government for the Medicare and Medicaid programs. It is of interest that *The New York Times* did not interview anyone at the county, state, or national level of the AMA, nor, apparently did they attempt to interview anyone in the major surgical societies. One can be sure that if such people had been interviewed they would have indicated that the results of this survey came as no surprise. It is axiomatic that medical personnel and their families have the highest incidence of surgical procedures of any professional group in the country. They understand only too clearly the benefits of surgery and the damage that can be caused by unwarranted delay. Perhaps this should be a lesson to us. When our judgment is questioned on health policies, instead of trying to logically explain our position, we should call for surveys such as this one by a disinterested group with integrity. Thus we could establish our credibility and silence our critics.

Robert S. Pressman, MD
First District Trustee

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Status report on professional advertising

Kenneth B. Jones, Esq.

Prior to the mid-1970s, a physician with questions on whether professional advertising was allowable would check the ethical statements of his professional society and in some cases, the state law for answers. Both had blanket prohibitions against most forms of advertising. By 1980, the situation had changed radically. The courts had made it clear that neither the states nor professional associations could adopt or enforce blanket prohibitions on advertising.¹

State and professional society regulation of advertising is still appropriate in several limited areas; most notably false, misleading, or deceptive advertising may be prohibited.² The state's power to regulate in this area was recognized early.³ In Pennsylvania, the State Board of Medical Education and Licensure adopted a regulation prohibiting physicians from using advertising that tended to be deceptive.⁴

Whether professional societies could regulate false or deceptive advertising was unclear at first. The Federal Trade Commission (FTC) initially took the position that all regulation of advertising by professional associations should be prohibited.⁵ The U.S. Supreme Court, however, subsequently recognized a role for the professional society.⁶ Therefore, in the

FTC proceedings against the AMA, the FTC opinion allowed the AMA to adopt and enforce ethical guidelines that prohibited false or deceptive advertising.⁷

On appeal of that decision, the AMA argued that it should have some leeway in determining what kinds of advertising claims are false or deceptive without the chilling effect that threats of antitrust penalties and fines could have on professional regulation. The Second Circuit Court of Appeals agreed with the AMA's contention and modified the FTC opinion to allow the AMA to adopt and enforce reasonable ethical guidelines with respect to representations the AMA *reasonably believed* would be false and deceptive under Section 5 of the Federal Trade Commission Act.⁸

Medical societies thus can adopt ethical codes prohibiting false or deceptive advertising at least for the present. They will incur no antitrust liability if, within a reasonable interpretation of Section 5 of the Federal Trade Commission Act, they find specific advertising to be false or deceptive.

The AMA's Judicial Council has adopted such a statement on advertising. The statement appeared in the *American Medical News*, January 23, 1981, page 15.

PMS answers the question

The 1980 House of Delegates of the Pennsylvania Medical Society adopted a two-part resolution on physician advertising authored by George J. Vukmer, MD. The first resolved of that resolution provided that the Pennsylvania Medical Society should inform its members that all advertising by physicians should not be false, misleading, or deceptive. Clearly such a statement is within the role allowed the Pennsylvania Medical Society in regulating advertising. The second provided that the Pennsylvania Medical Society should inform its members how to report those physicians who are in violation of the State Board of Medical Education and Licensure's regulation prohibiting deceptive advertising.

The second resolved neatly sidestepped two problems related to any PMS attempt to enforce a prohibition against false or deceptive advertising. The first problem that was sidestepped was the lack of any clear statement, at the time, of the AMA's position on advertising on which a PMS position could be based. The second problem was the potential for antitrust liability that a Pennsylvania Medical Society enforcement system would pose.

Liability for reporting

Absent unusual circumstances, the physician who, with probable cause, files a complaint with the State Board of Medical Education and Licensure runs little risk of civil liability. A physician or group of physicians is protected from antitrust liability by the Noerr-Pennington doctrine, based on the First Amendment right to petition government, unless it is shown that the complaint was a sham.⁹ "Sham" will be found when the com-

The author is the State Society's staff attorney. This article was written in response to Resolution 80-30 adopted by the House of Delegates at the 1980 Annual Meeting.

"Advertising by physicians should not be false, misleading, or deceptive." (Resolution 80-30, 1980 PMS House of Delegates)

"A physician who uses advertising "which is intended or has a tendency to deceive the public" 49 Pa. Code §17.251 (a) (5) may be reported to the State Board of Medical Education and Licensure, P.O. Box 2649, Harrisburg, PA 17120. The complaint must be in writing; it should include a copy of the offending advertising, and should state the reasons the advertisement is believed to be deceptive. The complaint should request an investigation by the State Board. The complaint may be in letter form. The State Board may request additional information."

Kenneth E. Brody, Counsel
State Board of Medical Education and Licensure

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plaint is not a genuine effort to influence the State Board to investigate the complaint but is instead an effort to secure another improper end, e.g. interfere with the business relationship of a competitor.¹⁰ A pattern of repetitive baseless claims, for example, is evidence of sham petitioning;¹¹ a single complaint based on probable cause is not a sham.¹²

A physician similarly should be protected from liability for libel by an absolute privilege covering relevant statements made in complaints filed with quasi-judicial agencies like the State Board of Medical Education and Licensure. This absolute privilege covering relevant material has not been enunciated by the Pennsylvania Supreme Court but follows from decisions in other jurisdictions.¹³ Even in the absence of an absolute privilege, a privilege will be accorded a communication made on a proper occasion from a proper motive and based upon reasonable or probable cause.¹⁴ The truth of the complaint is, of course, an absolute defense.

False and deceptive advertising

How does a physician determine what is false or deceptive advertising? A two-pronged, working test is suggested. The first question is whether the statement is clearly true: is it an objective statement based on substantial evidence?

Objective statements falling into this category include information such as schools attended, membership in professional societies, office hours, credit arrangements, fluency in a particular language, board certification, area of specialization, and the price of routine services. All are proper if true, subject only to the second part of the test.

The second question is whether the statement although true, is nonetheless deceptive. A statement can be deceptive when it withholds any material information. An example is advertising a lifetime guarantee without disclosing that service charges are made in conjunction therewith. A statement also may be deceptive in its net impression or in what can be reasonably implied. The important criterion is whether the statement is deceptive to the general public. The advertisement in Figure 1 was upheld by the

BATES v STATE BAR OF ARIZONA
433 US 350, 53 L Ed 2d 810, 97 S Ct
2691
[433 US 385]
APPENDIX TO OPINION OF THE
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Supreme Court against allegations that the statement of standard fees, and the use of the ambiguous term "legal clinic," were misleading.¹⁵

The two-pronged approach above is derived from the court cases arising under Section 5 of the Federal Trade Commission Act.¹⁶ The U.S. Supreme Court, however, has left open the question of whether professional advertising may be restricted further than Section 5 analysis may suggest. Specifically, the supreme court left open the questions of whether further restrictions on professional advertising may be appropriate when the broadcast media is involved, and whether restrictions on statements concerning the quality of services should be prohibited.¹⁷

The FTC opinion in *AMA v. FTC* stated that general AMA restrictions applicable to representation through a specific medium, e.g., TV and radio and to across-the-board bans on broad categories of representation, e.g. statements on quality, are inherently suspect. The Second Circuit Court of Appeals specifically allowed that portion of the FTC opinion to stand.¹⁸ The AMA's statement on advertising allowed radio and TV ads, but directly banned testimonials of patients and strongly implied that all statements as to quality were misleading.

1. *Bates v. State Bar of Arizona*, 433 U.S. 350 (1977); *AMA v. FTC*, 79-4214 (2d Cir., Oct. 7, 1980).
2. *Bates* (supra); *AMA v. FTC* (supra).
3. *Virginia State Board of Pharmacy v. Virginia Citizens Consumer Council*, 425 U.S. 748 (1976).
4. 49 Pa. Code §17.251.
5. *American Optometric Assoc. v. FTC*, 78-1461 (D.C. Cir., Feb. 6, 1980).
6. *Bates* (supra).
7. See *AMA v. FTC* (supra).
8. See 15 U.S.C. §45; *AMA v. FTC* (supra).
9. *Otter Tail Co. v. United States*, 410 U.S. 366 (1973); *Feminist Women's Health Center v. Mohammed*, 586 F2d 530 (1979).
10. *Otter Tail* (supra); *Feminist Woman's* (supra).
11. *California Motor Transport Co. v. Trucking Unlimited*, 404 U.S. 508 (1972).
12. See *Otter Tail* (supra); Fischel, *Antitrust Liability for Attempts to Influence Government Action: The Basis and Limits of the Noerr-Pennington Doctrine*, 45 U. Chi. L. Rev. 80 (1977).
13. See Feege, *Absolute Privilege before Administrative Agencies*, 5 Vill. L. Rev 121 (1959) and cases cited; *Althoff v. Baldwin*, 59 Erie 170 (Pa. Com. Pl. 1976); Cf. *Bancoff v. Mutual Benefit Health and Accident Association*, 189 F. Supp 642 (D.C. Pa 1960).
14. *Biggins v. Foglietta*, 170 A2d 345, 403 Pa. 510 (1961).
15. *Bates* (supra).
16. See e.g. *FTC v. Sterling Drug, Inc.*, 317 F2d 669 (2d Cir. 1963); *Resort Car Rental System, Inc. v. FTC*, 518 F2d 962 (9th 1975), cert. den. 423 U.S. 827.
17. *Bates* (supra).
18. *AMA v. FTC* (supra).

Figure 1.

Topics in Gastroenterology - 1981

June 13, 1981
Golden Nugget Hotel
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Fee: \$75.00

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Course Description:

The purpose of this course is to provide the primary care practitioner, internist, and gastroenterologist with an updated approach to the diagnosis and treatment of gastrointestinal illnesses. The critical points of decision will be identified as they relate to disease management.

Pathophysiology will be emphasized. The course is sponsored by the Department of Medical Education of Underwood Memorial Hospital and the Gastrointestinal section of the Hospital of the University of Pennsylvania. Category 1 credit offered. This course may be submitted for AOA CME credit in category II-D.

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Health department issues new immunization rules

Practicing physicians should be aware of several new immunization regulations from the Pennsylvania Department of Health.

Perhaps the most important is an amendment to the immunization requirement for school enterers. Effective August 1981, the immunization requirements for rubeola, rubella, and mumps have been changed to read:

- *Rubeola* — one dose of live attenuated measles vaccine administered at 12 months of age or older. A physician diagnosis of measles shall be accepted if supported by standard serological tests.

- *Rubella* — one dose of live attenuated rubella vaccine administered at 12 months of age or older.

- *Mumps* — one dose of live attenuated mumps vaccine administered at 12 months of age or older.

A recent audit of school enterers in a large school district in central Pennsylvania indicated that about 12 percent of enterers had been immunized with measles, mumps, or rubella vaccine prior to their first birthday. It may be advisable for private practitioners to review a child's immunization record when the child appears for a preschool examination and to consider revaccination with M, M, or R of those children who were immunized prior to their first birthday.

Pediatricians plan April Spring Session

The American Academy of Pediatrics will meet for its Spring Session April 4-9 at the Washington Hilton in Washington, D.C.

Eighteen seminars, 37 plenary sessions, and 31 round tables are planned. Topics for the scientific presentations include: behavioral disorders of children and adolescents, pediatric emergencies, adolescent suicide and depression, mental retardation services, child development, and sports medicine.

For further information contact: James Ahr, Director, Division of Communications, American Academy of Pediatrics, P.O. Box 1034, 1801 Hinman Avenue, Evanston, IL 60204; or telephone (312) 869-4255.

TABLE 1
Measles in Pennsylvania School Students, 1980
Data from two schools

Student's history of immunization or disease	Total enrollment	Number of cases	Attack rate percent
Immunized before 1968	248	15	6.0
a. at age less than 12 mos.	56	8	14.3
b. at age 12 mos. or older	192	7	3.6
Immunized in 1968 and after	725	6*	0.8
a. at age less than 12 mos.	20	0	0.0
b. at age 12 mos. or older	705	6	0.9
No immunization history	291	27	9.3
History of disease only	96	6	6.3
Unknown immunization or disease unknown	138	14	10.1
TOTAL	1,498	68	4.5

*Several of these children were immunized during 1968. The attack rates for 1968 are slightly higher than 1969 and after.

The Centers for Disease Control for some time have considered that excluding measles-susceptible children from schools during a measles outbreak and adopting aggressive immunization programs of measles-susceptible children are effective tools in ending a measles outbreak. Regulations published in the *Pennsylvania Bulletin*, April 5, 1980, give the health department authority under the Communicable Disease Regulations to exclude presumed susceptible students from school during a measles outbreak.

The health department presently cooperates with a school district in reviewing immunization records for every child in a school where measles has been confirmed. The department then ascertains those pupils who are presumed to be susceptibles. A pupil who is presumed susceptible:

- has no history of measles vaccination.
- has a history of measles vaccination prior to 12 months of age.
- has a history of measles vaccination prior to 1969 regardless of age.
- has no history of serological evidence of measles immunity.

Although the Advisory Committee on Immunization Practices of the U.S. Public Health Service regards a history of measles disease or vaccination prior to 1968 as evidence of immunity,

the department has found that the attack rate for illness as shown in Table 1 supports these regulations.

From the standpoint of the practicing physician, perhaps the most difficult part of this regulation is the year of vaccination for vaccines given at 12 months of age or later. Data are available on the serology of children receiving appropriately administered live attenuated measles vaccine at one year of age or later. These data indicate that these children probably have fairly sound immunity regardless of the time at which they received the vaccine. Nonetheless, our attack rate information shows that pupils who were immunized at an early date have a higher attack rate than those who were immunized at a later date.

During the department's review of children's school immunization records, we found it almost impossible to verify the type of vaccine that a child had received. Even with this information, we found that a variety of preparations had been used, and that some included an unrecorded amount of gamma globulin administered with live attenuated measles vaccine. It is the general inaccuracy of records, rather than the idea of waning immunity, that makes a statement of date of vaccination necessary. The statewide attack rate for children ten years or less is low.



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Empirin® $\bar{c}$ Codeine #3

Each tablet contains: aspirin, 325 mg; plus codeine phosphate, 30 mg, (Warning — may be habit-forming). 

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For the most effective dosage in treating acute pain, begin with... two tablets of Empirin $\bar{c}$ Codeine #2 or #3, every four hours. Titrate downward as pain subsides.

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DESCRIPTION: Each tablet contains aspirin (acetylsalicylic acid) 325 mg plus codeine phosphate in one of the following strengths: No. 2 — 15 mg, No. 3 — 30 mg, and No. 4 — 60 mg (Warning — may be habit-forming) 

CONTRAINDICATIONS: Hypersensitivity to aspirin or codeine

WARNINGS:

Drug dependence: Empirin with Codeine can produce drug dependence of the morphine type and, therefore, has the potential for being abused. Psychic dependence, physical dependence, and tolerance may develop upon repeated administration of this drug and it should be prescribed and administered with the same degree of caution appropriate to the use of other oral, narcotic-containing medications. Like other narcotic-containing medications, the drug is subject to the Federal Controlled Substances Act.

Use in ambulatory patients: Empirin with Codeine may impair the mental and/or physical abilities required for the performance of potentially hazardous tasks such as driving a car or operating machinery. The patient using this drug should be cautioned accordingly.

Interaction with other central nervous system (CNS) depressants: Patients receiving other narcotic analgesics, general anesthetics, phenothiazines, other tranquilizers, sedative-hypnotics, or other CNS depressants (including alcohol) concomitantly with Empirin with Codeine may exhibit an additive CNS depression. When such combined therapy is contemplated, the dose of one or both agents should be reduced.

Use in pregnancy: Safe use in pregnancy has not been established relative to possible adverse effects on fetal development. Therefore, Empirin with Codeine should not be used in pregnant women unless, in the judgment of the physician, the potential benefits outweigh the possible hazards.

PRECAUTIONS:

Head injury and increased intracranial pressure: The respiratory depressant effects of narcotics and their capacity to elevate cerebrospinal fluid pressure may be markedly exaggerated in the presence of head injury, other intracranial lesions or a pre-existing increase in intracranial pressure. Furthermore, narcotics produce adverse reactions which may obscure the clinical course of patients with head injuries.

Acute abdominal conditions: The administration of Empirin with Codeine or other narcotics may obscure the diagnosis or clinical course in patients with acute abdominal conditions.

Allergic: Precautions should be taken in administering salicylates to persons with known allergies. Patients with nasal polyps are more likely to be hypersensitive to aspirin.

Special risk patients: Empirin with Codeine should be given with caution to certain patients such as the elderly or debilitated, and those with severe impairment of hepatic or renal function, hypothyroidism, Addison's disease, prostatic hypertrophy or urethral stricture, peptic ulcer, or coagulation disorders.

ADVERSE REACTIONS: The most frequently observed adverse reactions to codeine include light-headedness, dizziness, sedation, nausea and vomiting. These effects seem to be more prominent in ambulatory than in nonambulatory patients and some of these adverse reactions may be alleviated if the patient lies down. Other adverse reactions include euphoria, dysphoria, constipation, and pruritus.

The most frequently observed reactions to aspirin include headache, vertigo, ringing in the ears, mental confusion, drowsiness, sweating, thirst, nausea, and vomiting. Occasional patients experience gastric irritation and bleeding with aspirin. Some patients are unable to take salicylates without developing nausea and vomiting. Hypersensitivity may be manifested by a skin rash or even an anaphylactic reaction. With these exceptions, most of the side effects occur after repeated administration of large doses.

DOSAGE AND ADMINISTRATION: Dosage should be adjusted according to the severity of the pain and the response of the patient. It may occasionally be necessary to exceed the usual dosage recommended below in cases of more severe pain or in those patients who have become tolerant to the analgesic effect of narcotics. Empirin with Codeine is given orally. The usual adult dose for Empirin with Codeine No. 2 and No. 3 is one or two tablets every four hours as required. The usual adult dose for Empirin with Codeine No. 4 is one tablet every four hours as required.

DRUG INTERACTIONS: The CNS depressant effects of Empirin with Codeine may be additive with that of other CNS depressants. See WARNINGS.



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physicians in the news

W. Minster Kunkel, MD, recently was elected president of the Pennsylvania Association of Thoracic Surgery. Dr. Kunkel is chairman and director of education of the surgery department at Harrisburg Hospital and chief of the thoracic surgery sections at Harrisburg and Holy Spirit hospitals.

The American Academy of Family Physicians recently re-appointed **D. Ernest Witt, MD**, chairman of its publication committee. Dr. Witt also serves on the academy's board of directors and is chairman of the committee on minority health affairs. He is speaker of the PMS House of Delegates.

Harris R. Clearfield, MD, recently received the Physician of the Year Award of the National Foundation for Ileitis and Colitis, Philadelphia Chapter. Dr. Clearfield is professor of medicine and director of the gastroenterology division at Hahnemann Medical College & Hospital.

The Lancaster City and County Medical Society recently presented its Distinguished Service Award to **Stephen D. Lockey, Sr., MD**.

Francis A. Lovecchio, MD, an East Stroudsburg orthopedic surgeon and former chief of staff at Pocono Hospital, recently was elected president of the Pennsylvania Orthopedic Society. Other officers elected are **Drs. Thomas K. Howard**, first vice president; **Carl Stanitski**, second vice president; and **Henry H. Sherk**, secretary treasurer.

Oscar M. Reinmuth, MD, recently was elected to a two-year term as chairman of the Stroke Council of the American Heart Association. Dr. Reinmuth is professor and chairman of the neurology department at the University of Pittsburgh School of Medicine.

The Pennsylvania Department of Health recently cited **Richard L. Huber, MD**, for his work in Wyoming Valley during the 1972 flood. Dr. Huber received a certificate of appreciation for his outstanding community service. He is the Third District Trustee on the Pennsylvania Medical Society's board of trustees.

August J. Schulz, MD, recently was appointed director of Lancaster General Hospital's psychiatric unit. Dr. Schulz had been medical director of the Lancaster Guidance Center.

Robert L. Leopold, MD, recently was appointed psychiatrist-in-chief of Philadelphia Psychiatric Center. Dr. Leopold is professor of psychiatry and professor of physical medicine and rehabilitation at the University of Pennsylvania School of Medicine. He is also professor of health care systems at the university's Wharton School of Commerce and Industry.

Lancet, the British medical journal, recently published an article by **Albert J. Stunkard, MD**, a member of the hospital staff and professor of psychiatry at the University of Pennsylvania. The article researched the effectiveness of weight loss in controlling elevated blood pressure.

Abram M. Hostetter, MD, of the Hershey Psychiatric Association, recently was elected president of the Advisory Board of the Dauphin County Mental Health/Retardation Program. Dr. Hostetter is on the State Society's Impaired Physician Committee.

A group of parents in Bradford have started a community-wide appreciation drive in honor of **Leslie B. Silverstine, MD**. Before his recent retirement, Dr. Silverstine had been a pediatrician in Bradford for 35 years. Money raised in the campaign will be used at Bradford Hospital's Silverstine Pediatric Unit and Nursery.

Henry L. Hood, MD, recently was elected president of the board of directors of the Susquehanna Valley Health Care Consortium. Dr. Hood is president of Geisinger Medical Center. **Ivor Lewis, MD**, a member of the medical staff of Sunbury Community Hospital, was elected vice president of the consortium's board.

Residents of Northumberland borough recently presented **Lawrence J. Kopf, MD**, with a plaque of appreciation. Dr. Kopf retired after 34 years as a community physician, 25 years as a Northumberland County Jail physician, and long service on the staff of Sunbury Community Hospital.

Victor F. Greco, MD, recently accepted the chairmanship of the 1981 Easter Seal Campaign in Pennsylvania. Dr. Greco, a general and thoracic surgeon, is one of Luzerne County's delegates to the State Society's House of Delegates.

Northampton County Medical Society recently honored **Joseph Farace, MD**, for 50 years of service as a general practitioner. Berks County Medical Society recently honored **Eli J. Keller, MD**, and **Albert H. Niebaum, MD**, for 50 years of service.

David B. Fishback, MD, of Wyncote, recently was elected chairman of the subcommittee on hypertension in the elderly (geriatric hypertension) by the American College of Chest Physicians. Dr. Fishback has published many papers on hypertension in the past 45 years.

Lawrence C. Parish, MD, recently was appointed to a five-year term as editor of the *International Journal of Dermatology*. The journal is the official organ of the International Society of Tropical Dermatology. Dr. Parish heads the dermatology section at Albert Einstein Medical Center, Daroff Division.



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Malpractice arbitration: endangered but not extinct

Gayle Lewis, Esq.

The Arbitration Panels for Health Care and its legislative mandate in the Health Care Services Malpractice Act, referred to as Act 111,¹ were dealt a serious blow on September 26, 1980. The Pennsylvania Supreme Court in *Mattos v. Thompson*² declared Section 309 of the Act unconstitutional. This section had granted original, exclusive jurisdiction to the panels over all medical negligence cases involving health care providers if the alleged claim occurred after January 13, 1976.

Since the Act's inception, 3,925 claims were filed statewide.³ As of September 30, 1980, four days after the decision was rendered, 2,879 claims were pending disposition. Measured in sheer numbers the effect of the decision is staggering.

The Attorney General's Office quickly responded to the decision. On October 14, 1980, Attorney General Harvey Bartle, III, issued an opinion which declared that the arbitration panels system was voluntary. The opinion stated:

While the courts declared unconstitutional the system's "original, exclusive jurisdiction to hear and decide" health care malpractice claims, *it is our opinion that it left intact the remaining sections of the act relating to the arbitration system.*⁴ (author's emphasis)

The resulting voluntary system requires that all parties consent to arbitration panel's jurisdiction. If any party elects to transfer out of the system the claim must be transferred to the appropriate court of common

pleas. The deadline for election for claims pending at the time of the Supreme Court decision was December 15, 1980.

As of January 31, 1981, 2,157 cases had been transferred to the courts, leaving 357 cases in the Office of Arbitration Panels.

In Philadelphia County, 1,578 claims were filed from January 13, 1976 to September 30, 1980. In the surrounding four counties, a total of 734 were filed, and 545 were filed in Allegheny County. No claims were ever filed in Cameron, Forest, Juniata, Perry, Snyder, Sullivan, and Wyoming counties. There are 1,068 total claims filed in the remaining 53 counties.

The *Mattos* decision of the Supreme Court of Pennsylvania jeopardizes the entire concept of arbitrating medical malpractice claims. It follows a trend set in several other states whose high courts have declared their programs unconstitutional.⁵ Medical arbitration programs, to be sure, have had their share of problems. Nonetheless, it is debatable whether they are the "resounding flop"⁶ portrayed by the courts or in my opinion a viable framework, which with certain modifications, might ultimately reduce medical negligence claims.

The original purpose of the medical arbitration statute was twofold: to provide for medical input into determining professional negligence, commonly referred to as peer review; and to provide an economical and expeditious alternative to the court system for compensating injured persons.⁷ These initial goals now must be analyzed through the hourglass of experience.

Peer review

In the original legislation, peer re-

view was to be accomplished by the presence of two health care providers on a panel of seven persons along with two lawyers and three lay people. Earlier proposals suggested panels of three members, one in each category. In retrospect, these proposals, had they been incorporated into the Act, would have prevented much of the program's initial backlog.

The legislature, rationalizing that it was creating a system more akin to that of the "familiar" jury, decided upon seven-member panels. It became evident, however, that the seven-member panels were a scheduling nightmare for all parties. The system was becoming unworkable. The legislature rectified this problem by amending the Act to provide for a panel of three members in all arbitrations in which a panel had not been completed before February 12, 1980.⁸ Unfortunately, the Supreme Court dismissed this legislative solution by a mere footnote in the *Mattos* case and thereby deprived the system of a chance to work under a streamlined process.^{9*}

The arbitration experience with peer review did change some existing stereotypes. Physicians were not hesitant to find against other physicians and health care providers. Of the 58 arbitrations that were heard, 24

The author is senior deputy administrator of the Arbitration Panels for Health Care in Pennsylvania. The opinions expressed in this article concerning arbitration and malpractice are solely those of the author.

**The amendment also streamlined the panel selection process and provided an escape hatch whereby claims for which a panel was not selected within 90 days after filing of the Certificate of Readiness would be transferred to the court of common pleas. In addition, the Administrator had promulgated a rule requiring parties to file a Certificate of Readiness within one year after an action was commenced or subject the claim to dismissal.*

wards were for plaintiffs, 8 settled during arbitration, and 25 verdicts were for defendants. (One arbitration resulted in a mistrial). These figures compare favorably with national statistics on medical malpractice claims.¹⁰

Peer review by medical professionals does not impact negatively on the determination of liability. The presence of physicians on the panels facilitates the hearing process. The physician explains medical facts and evaluates medical conduct of a fellow practitioner.

It is my observation that physicians tend to judge their peers on a higher standard of care, at times more critically than the law may require. They have taken the issue of peer review seriously and have based their decisions on substantive liability rather than a psychological predisposition toward their colleagues. Now that the majority of cases have been transferred to the courts of common pleas, this peer review will cease. A judge or lay jury will be the trier of fact and the situation reverts to that of 1976 for all cases not heard by an arbitration panel.

Economic advantages

The arbitration system has recognized flaws, yet there are many important features and facts which had gone undocumented. Initially, it should be emphasized that the arbitration system is funded mainly through annual fees paid by health care providers in Pennsylvania. No public funds are used. Taxpayers now will assume the full cost of administering malpractice cases in the local courts. Almost 4,000 cases were managed by this office without public expense.

Secondly, the present arbitration system provides statewide adminis-

tration of all discovery. More importantly, it provides uniformity of decisions in medical malpractice cases. Each county now will handle its own cases. There will be no guarantee of any consistency in decision making or predictability on discovery matters. This is crucial due to the complexity of these cases.

Thirdly, a statewide mandatory conciliation program was a unique feature of this arbitration system. After four and one-half years this office has developed expertise in evaluating cases. More than 1,100 conferences were held and most claims were settled prior to any arbitration.¹¹

Evaluating claims on a statewide basis also provided a single statistical framework to uncover the pertinent facts surrounding medical malpractice negligence. Uncovering and designating those few constant offenders, and enforcing any decision through the medical licensing board all will be unlikely due to the *Mattos* decision. Once these cases are put into courts of common pleas, it will be difficult to retrieve information on them and to accumulate data for further study.

The Supreme Court decision emphasized the apparent "backlog"—referring to the meager 15 arbitrations heard as of December 31, 1979 (56 arbitrations were heard as of September 30, 1980). A more trenchant statistic is that only 277 Certificates of Readiness had been filed by attorneys statewide in the 3,925 cases.¹² Succinctly stated, the delay was not due solely to the shortcomings in the system but also to the failure of attorneys to diligently pursue their cases.

Will the present Philadelphia Court of Common Pleas be able to handle the 861 cases transferred there as a result of *Mattos* along with the current case-

load? With approximately 18,000 Certificates of Readiness filed as of November, 1980, how soon these cases will be heard remains unpredictable. The present major trial list includes some claims filed in 1970.

Suggestions, solutions

Despite the many economical advantages of the arbitration system, the inherent problem in the legislation was the creation of a two-tier trial system which required a trial at arbitration followed by another full trial upon appeal to the court of common pleas. In addition, the arbitration legislation mandated the use of Rules of Civil Procedure and the pomp and formality of a trial. This system never could be economical to the litigants.

Furthermore, the necessity of having to supply expert testimony twice is

1. Health Care Services Malpractice Act, Act of October 15, 1975 P.L. 390 (40 P.S. § 1301.101 et seq.).
2. *Mattos v. Thompson*, — Pa. —, 421 A. 2d 190.
3. 1980, Arbitration Panels for Health Care, Statistical Summary April 5, 1976 to September 30, 1980.
4. Opinion number 80-2, 10 Pa. Bulletin 42 79.
5. Among those states that have declared their acts unconstitutional are Florida: *Aldana, M.D. v. Holub*, 381 So. 2d 231 1980; Illinois: *Wright v. Central De-Page Hosp. Assoc.* 63 Ill. 2d 313, 347 N.E. 2d 734 (1976); North Dakota: *Arneson v. Olson*, 270 N.W. 2d 125 (N.D. 1978); Missouri: *State ex rel. Cordival Glenner Memorial Hospital for Children v. Gaertner* (Sup. 1979) 583 S.W. 2d 107; Kentucky: *McGaffey v. Hall*, 557 S.W. 2d 401; and Ohio: (lower court decision) *Simon v. St. Elizabeth Medical Center*, 3 Ohio Op. 3d 164, 355 N.E. 2d 903 (Ct. Com. Pl. 1976) *Graley v. Satayatham*, 74 Ohio Op. 2d 316. 343 N.E. 2d 832 (Ct. Com. Pl. 1976).
6. *Edelson v. Soricelli*, 610 F. 2d 131 (3rd Cir. 1979).
7. Health Care Services Malpractice Act, Act of October 15, 1975 P.L. 390 (40 P.S. § 1301.102).
8. Act of December 14, 1979, P.L. —, No. 128 amending section 308 and 408 of the original Act and adding sections 403 and 1007.1. See 40 P.S. § 1301.308 (Supp. 1980-1981).
9. *Mattos v. Thompson*, — Pa. —, 421 A. 2d 190.
10. N.A.I.C. Medical Malpractice Closed Claims 1975 - 1978 Vol. 2, No. 2, September, 1980.
11. Statistical Summary, *supra* note at 1.
12. Id. 128 of 279 trial ready cases were disposed of or in chairpersons hands. 64 more were settled by the end of the prehearing conference. 35 settled during panel selection, leaving 52 in panel selection process.

an extraordinary expense. The need for this testimony at the arbitration is exacerbated by Section 510 of the Act which allows the panel's decision on liability to be told to the jury on appeal.¹³ This section placed greater pressure on counsel to come away from the arbitration with a favorable decision and thus left them with little discretion in deciding on whether to use a live expert before the panel.

One suggestion for any modified arbitration system was expressed by the Administrator in his comments before the Joint "1006" Legislative Committee on November 13, 1980. He suggested an "accelerated litigation" program in which oral testimony would be eliminated and evidence admitted by stipulation and sworn affidavits, deposition, medical records, etc. He had cited some of these changes back in 1978.¹⁴

Senate Bill No. 88 is a proposal to modify the arbitration panel system which would expedite and streamline the hearing process.

Another suggestion is to have an arbitration system that is an arm of the court system. Actual judicial control of the caseload as well as the accompanying psychological control over practicing attorneys could provide additional viability to an arbitration system. An inherent problem in any diversionary or alternative court system is the lack of authority of an administrator compared with a judge. This is specifically apparent in the area of subpoena power and sanctions. Changes will be needed in this area to insure the authority of the administrator to expedite claims.

The alternative proposal of peer review through medical prescreening panels exists in a number of states and presently is under discussion in Pennsylvania as a possible replacement for the present system.¹⁵ The panel, composed of a physician, a lawyer, and a judge, does not attempt to supplant the court system yet retains the peer review aspect. Such a system has mass appeal to the doctors, plaintiff and defense attorneys, hospitals, and insurance carriers. It seems to be a panacea.

Prescreening panels apparently provide an expeditious review of the claims by determining whether there is enough evidence presented to justify a trial. A plaintiff who chooses to pro-

ceed in the event of a defense finding must post a bond. Massachusetts uses a prescreening program that appears constitutional and viable, but so far, only 600 cases have been heard.

I urge guarded optimism. It has been my experience in reviewing over 800 medical malpractice cases in Philadelphia and the surrounding counties that a prescreening device would be most effective in screening only totally frivolous claims. At one time I would have agreed that there was a high percentage of frivolous claims, but inflation and the high cost of litigation today create a filter of their own.

Few plaintiff attorneys can commence suit on a contingency fee basis without having expert evaluation early in the case. Presented with such an expert report, it is unlikely that any prescreening panel would find for defendant. The panel is not making a finding of liability, it is only deciding whether or not the case can proceed further. The expert report provides a basis for allowing the case to proceed further.

Another negative aspect of the prescreening program is that it is only a preliminary decision. The reason for the procedure's simplicity is clearly that there is *no* decision on liability and damages. Finality in a decision is what ends litigation or promotes settlement. With no decision on liability and damages, there is no impetus to settle subsequent to the initial prescreening. Settlement results only when the pressures of a trial are upon the litigants in the court system. "Settlement on the courthouse steps" is far from a hollow phrase. This is why 91 percent of all personal injury cases ultimately settle.

In either a prescreening system or an arbitration system, a large pool of candidates for panelists is essential. Finding professionals qualified and willing to serve was and will continue to be a problem. The limitations placed on an individual's available time conflict with the scheduling of a multi-day hearing. Our voluntary pool for eligible professional candidates is 3,144 health care providers, 1,320 attorneys, and 4,753 laypeople.

The number of attorneys is surprisingly low. This is due in part to the panel's requirement of at least three

years of trial experience. Another reason may be the apparent lack of sensitivity of practicing attorneys to the need for their participation. A large caseload, trial schedules, and insufficient monetary or moral incentive deter many attorneys from participating. Sitting on medical panels perhaps is viewed as only benefitting those attorneys who specialize in medical malpractice.

The problem of attorney involvement, however, is not unique to our system. Many attorneys who traditionally sat on compulsory arbitrations in the court of common pleas are no longer on the eligibility list.¹⁶ Apathy and disinterest from the local bar can endanger any of these voluntary programs. Attorneys must be encouraged to participate in any system which is retained or developed. Larger pools must be developed for panel selection in all arbitration hearings to guarantee the continuance of any program.

Conclusion

The future of Act 111 may be unclear for the present. Act 111, in fact, may wither on the vine, for even a voluntary system must have participants. Regardless of the mechanism used, any system that resolves disputes in the area of medical negligence must be streamlined, efficient, economical, and it must involve peer review. These are basic, fundamental requirements.

No system created to deal with the myriad of problems raised by the issue of medical malpractice will ever be perfect. It will never completely satisfy all the groups involved. Which-ever system is adopted, it will deserve the support of its constituents and enough time to assert its viability.

13. Originally declared unconstitutional in Common Pleas in *Parker v. Children's Hospital of Phila.*, constitutionally upheld in *Parker v. Children's Hospital of Phila.*, 483 Pa. 106, 394 A.2d 932 (1978).

14. 1978 Ann. Rep. Administrator for Arbitration Panels for Health Care.

15. Remarks by Dr. Henry Fetterman, Pa. Medical Society, Joint "1006" Legislative Committee Hearings, Thursday, November 13, 1980.

16. Incoming Address to the Philadelphia Bar Association by Joseph Foster, Chancellor, Philadelphia Bar Association, December 2, 1980.

practice management

Planning for distributions from retirement plans

Leif C. Beck, LL.B., CPBC
Vasilios J. Kalogredis, JD, CPBC

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Dorothy R. Sweeney

Many physicians have substantial sums of money in their Keogh or corporate retirement plans. As the years go by, the allowable limits continue to increase and the plans continue to grow.

In a tax-deferred basis, these retirement plan monies are potentially the largest portion of many physicians' estates. To realize this potential, the plans must be examined for estate tax and income tax implications. Knowledgeable advisors should be consulted at every step to help avoid unnecessary and potentially costly traps.

This article will highlight some of the key points. It is important to recognize that the law does change periodically in this area, and it is important to work closely and regularly with experts.

When to commence distribution

Keogh. For a physician to receive a nondeath or nondisability related distribution from a Keogh retirement plan without penalty, the distribution generally cannot commence before the physician is 59½ years old. The distribution must commence by age 70½.

Corporation. Each plan varies so it is necessary to read the plan to determine when the distribution will commence.

Generally, benefits from a corporate retirement plan must commence to be distributed no later than the 60th day after the close of the plan year in which the *latest* of the following occurs:

- attaining the normal retirement age specified in the plan,
- the tenth anniversary of the date upon which plan participation began, or
- actual termination of participant's corporate employment.

A corporate retirement plan distribution generally can commence upon the attainment of the plan's normal

retirement age or the date upon which a participant's employment with the corporation terminates (for death disability or whatever reason), even if before attainment of the normal retirement age.

As is obvious from the above, there is some room for planning the acceleration, as well as postponing the payment of the benefits to a physician-participant.

Forms of options

A retirement plan may provide numerous modes of settlement for paying benefits to participants. Read your plan to see what options it provides.

The more common options include a lump sum payment, installments over a period of years, or an annuity option. A plan that offers an annuity option must provide for a "joint and survivor annuity" for married individuals. That option, if in the plan, would automatically become effective unless the participant expressly de-elects it in writing pursuant to the plan terms.

The key is to assure that the plan provisions provide as much flexibility as possible, to avoid a "forced decision" that could have disastrous tax or practical impacts.

Income tax impact

Generally, a distribution from a corporate or Keogh retirement plan, attributable to "employer" contributions, is taxable to the recipient when received at ordinary income tax rates. Expert planning on an individualized basis, however, may improve upon that.

There are capital gains possibilities as to some retirement plan lump sum distributions (from either a corporate or Keogh retirement plan).

The portion attributable to pre-1974

The authors are the principle consultants of Management Consulting for Professionals, Inc., Bala Cynwyd, Pa.

participation can be eligible for capital gains treatment. It is computed by dividing the total months of active plan participation prior to 1974 by the total months of actual participation in the plan and multiplying the resulting fraction by the total taxable amount of the lump sum. This formula can be particularly beneficial to those with Keogh plans, since before ERISA (The Pension Reform Act) there was no capital gains break for any Keogh distributions.

A "special ten-year income averaging" is available for a lump sum distribution. The capital gains tax provision for the pre-1974 portion can be combined with the ten-year averaging provision for the post-1973 portion to possibly save income taxes on a lump sum distribution. In some cases, it may be better to waive the capital gains provision and elect to have the whole lump sum distribution taxed under ten-year averaging.

Putting pencil to paper often is the only way to determine which is best under the circumstances.

An interesting possibility is available in a situation where a corporate retirement plan distribution is made to a participating employee who had to retire on account of total and permanent disability.

The Wood and Masterson cases (*Wood vs. U.S.*, 79-1 USTC Para. 9244 (9th Circuit) and *Masterson vs. U.S.*, N. Dist. Ill., 10/15/79.) held that a primary purpose of the retirement plans involved was to provide protection to an employee who becomes disabled. The courts therefore, held that the disability payout would be income-tax free. To date, the IRS has not acquiesced in the decisions.

Most plans do provide for a full payout of an account upon retirement due to disability. Most plans, however, do not go so far as the language of the Wood case. To buttress an argument for a tax-free distribution from a plan

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on account of disability, language such as the following would be helpful: "An express purpose of this plan is to provide a measure of security and to serve as a form of insurance to a participating employee who is stricken with a career-ending disability before his normal retirement date." Including this language could prove to be an effective preventive measure of protection.

Estate tax impact

The general rule is that death benefits, not attributable to employee contributions, paid to a named beneficiary (e.g., the beneficiary could be a spouse, child, or properly drafted trust) other than the estate of the employee, under a qualified Keogh or corporate retirement plan will be fully exempt from federal estate tax.

Lump sum distributions generally would subject the retirement plan interest to federal estate taxes. The decision to be made is, in effect, whether the special income tax breaks of lump sum distributions override the estate tax burdens, or vice versa. The law today does not allow the beneficiaries of the participant's estate to benefit

from both the income tax and estate tax advantages of a plan distribution.

The recipient of a lump sum distribution, however, can irrevocably elect *not* to take advantage of the lump sum income tax breaks so he *can* take advantage of the federal estate tax exclusion.

The alternatives abound. The key is to retain as much flexibility as possible so the estate's advisors can put pencil to paper and analyze the situation so the best option under the circumstances can be selected balancing the income tax, estate tax, and practical impacts.

Naming a beneficiary

A doctor should be sure to work closely with his estate advisors in designating the appropriate beneficiary of his retirement plan interest and in keeping the designation current.

In many instances, naming the Residuary Trust under an estate plan is the best choice. Properly handled it may pass the plan's distribution through to heirs free from estate taxes at the plan participant's and spouse's deaths. That could be a dramatic saving.

The form and the timing of the distribution should not be obligated so the estate's advisors will have the flexibility necessary under the circumstances at death.

Advantages of deferral

In some instances, it may be advantageous to defer the distribution from the plans. Deferring distribution until a time during which your income tax burden may be lower or the need for funds may be greater is one example. By postponing the distribution, you may be able to leave greater death benefits to your beneficiaries on an estate tax free basis. Another advantage of deferral is that the funds retained within the plan may continue to grow in a tax-deferred fashion.

Conclusion

Retirement plan proceeds will be an important part of most physicians' estates. Careful planning and retention of flexibility is important to the various income tax, estate tax, and practical implications. The various options should be discussed and reviewed with knowledgeable advisors so a sound decision can be made.

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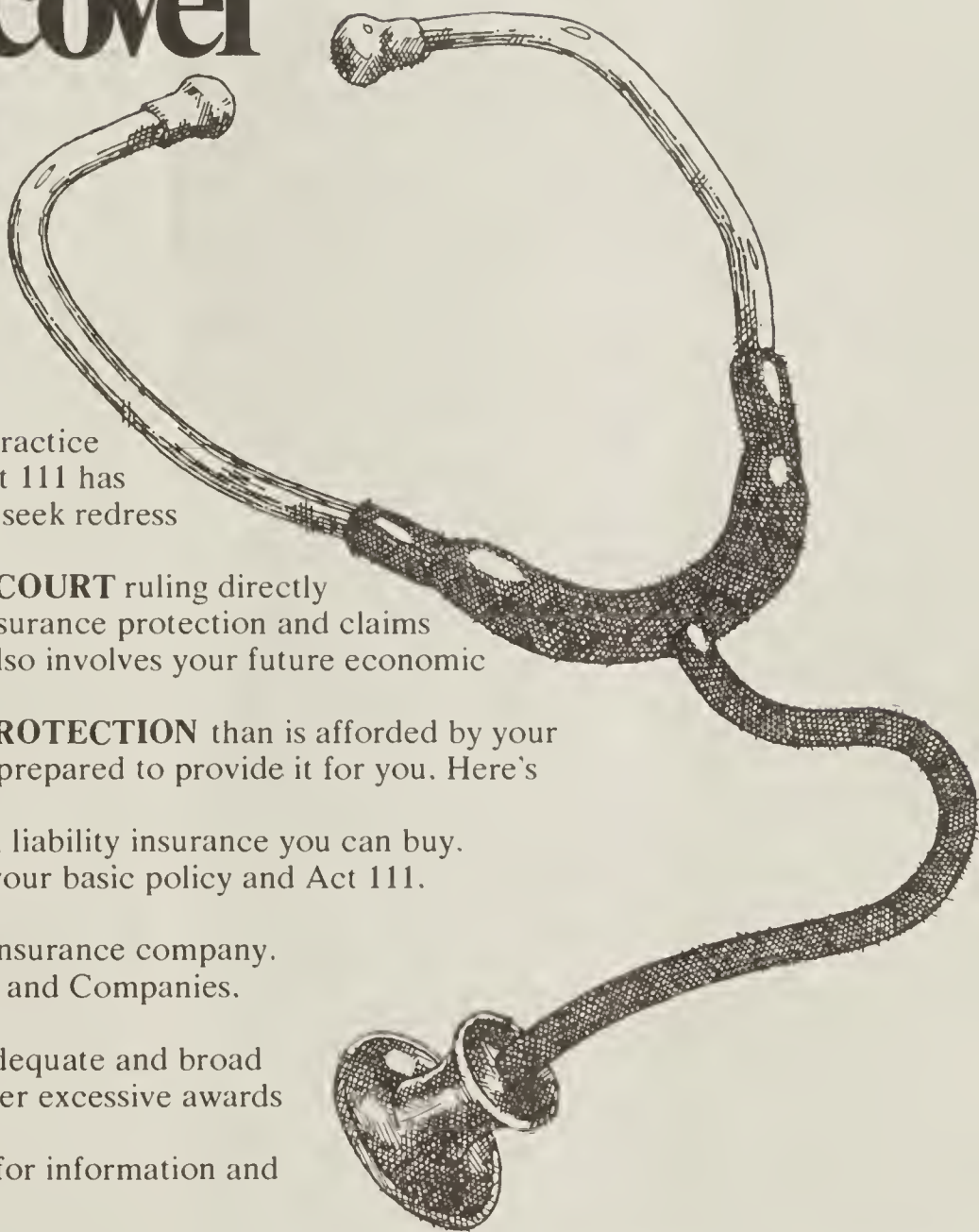
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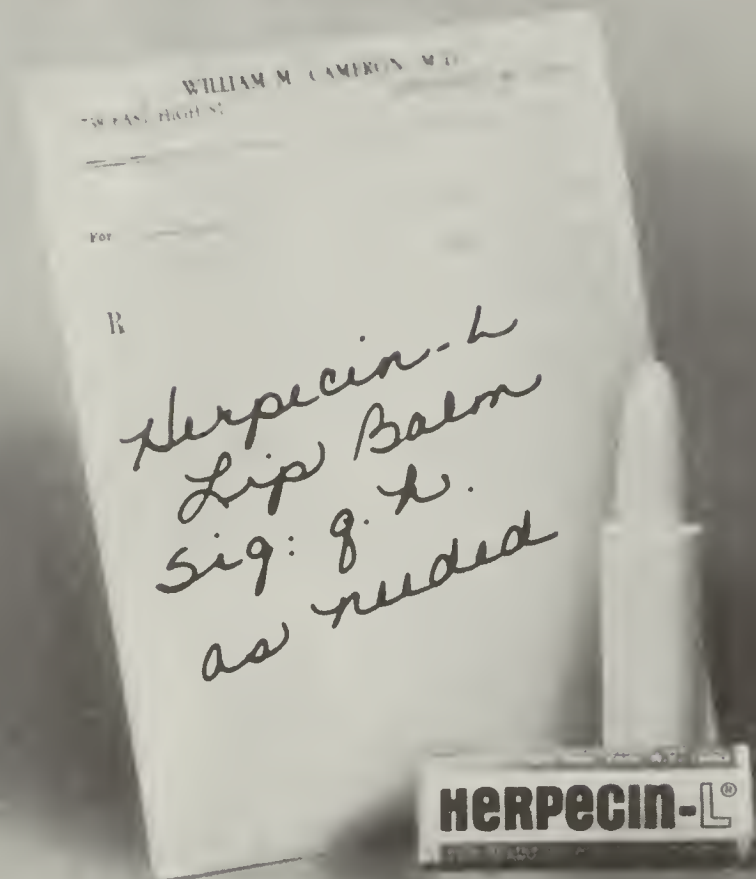
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in terminal illness

Urinary diversion or benemortasia

Charles D. Saunders, MD

Physicians have always made decisions affecting the lives and deaths of patients. Patients with advanced cancer pose difficult management problems that often require the cooperation of several physicians.

Urologist's role

Ureteral obstruction is common in patients with advanced pelvic cancers. Acute life-threatening uremia and anuria may occur and in such cases, a urologist may be called to perform a urinary diversion. Requests for diversion are urgent, emotionally charged, and frequently raise ethical and legal questions. Patients with this problem have a limited life span. I believe they should not be subjected to operations requiring long periods of hospitalization unless truly necessary.

In this setting the traditional criteria for determining operability do not suffice. The benefits of such an operation in patients with advanced cancer often are ill-defined and the risks are considerable. Pressure from the patient's physician, oncologist, radiotherapist, or family complicates the situation.

The decision to perform a life-prolonging urinary diversion should be the joint responsibility of the urologist, the patient, his family, and his physicians. It should be based upon the merit of each individual case. The goal of this therapy should be to prolong a life that is reasonably comfortable, useful, and dignified.

The urologist in this setting must be the one who informs, advises, recommends, and persuades a course of action for the patient to choose. Without such advice and information the patient may not understand the consequences and therefore may not make an intelligent decision.

Guidelines

There are no universal rules a urologist may follow. Each patient presents unique circumstances. One helpful guideline would be for the urologist to communicate with the patient and his family, making both aware of the diagnosis. Otherwise, there could be no understanding of the available options.

Patients likely to benefit from diverting procedures in the face of anuria and recurrent cancer are those who are without widespread cancer, who are well nourished and active, and who remain highly motivated even after the possibilities and problems of a diverting procedure have been explained thoroughly.¹

There is no evidence that the duration of the disease prior to the urinary diversion carries any prognostic value. Those with a longer history of cancer do not derive any greater bene-

fit from the diverting procedure than those patients more recently diagnosed.^{2,3} Severe ureteral obstruction is an extremely late stage of the malignant disease.

Life-prolonging urinary diversions must be considered for those patients who have not had a chance to have a satisfactory course of therapy for their primary tumor. When available treatment methods can afford some chance of palliating the symptoms, urinary diversion should be used to prolong life so that these methods may be tried.

Anti-cancer programs are doomed to failure in the severely uremic patient. Ideally the disease should be localized for further therapy to hold the possibility of survival. When the disease is advanced, its natural history should be unpredictable so that a survival time of at least several months could be possible.

When the above criteria are not followed the post diversion patient frequently exhibits a downhill course with sepsis, pain, and weakness. Weeks and months later he dies without ever leaving the hospital. Such was the course with 43 percent of those patients in Grabstald's series.⁴ In Holden's series of 218 patients only 50 percent achieved two months of useful life.²

Brin studied 47 patients undergoing urinary diversion. Their average survival was 5.3 months with only 50 percent alive at three months, and 22.7

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percent alive at six months. Following diversion, 63.8 percent of survival time was spent in the hospital. Twenty patients required a total of 29 additional operative procedures after urinary diversion. The vast majority of patients had bouts of sepsis, hematuria, nausea, vomiting, abdominal pain, and blood transfusions.³ In Schoenberg's series of six patients carefully chosen, five patients were considered successes insofar as they lived at home and engaged in normal activities.¹

When all reasonable methods that might effect the primary disease have been tried and have failed, little is to be gained by urinary diversion except to keep the patient alert while he dies of cancer in a short time. Urinary diversion could reverse an inevitable uremic death, but it substitutes a prolonged painful ordeal for the patient and his family. The uremic state itself affords considerable relief from pain and freedom to die with dignity.

I believe urinary diversion usually should not be performed when the patient is experiencing pain which

is no longer responsive to medical management. Diversions should be avoided in situations where adequate trials of all existing therapeutic modalities have been used and there is no prospect for further therapy after diversion. Emotional or mental deficiency that would preclude adequate management of the urinary diversion (nephrostomy or ureterostomy with associated appliances) is also a contraindication to diversion.

Conclusion

In summary, urinary diversion should be used to prolong life in a patient with terminal illness only after careful consideration of the patient's medical and emotional status. The oncologist, radiotherapist, family physician, and urologist together must examine all aspects of the patient's present and future conditions. The urologist should serve as a forceful guide to a family and patient who have been as fully informed as possible.

New medical life support systems can prolong life without dignity or purpose. Urinary diversion is one such

modality. Yet, the quality of existence can be as important as the quantity.

Benemortasia connotes a good death resulting from a disease or disability being allowed to take its course or have its effect while providing the patient palliative drug treatment for pain without any therapeutic intent.⁵ As stated above, each patient must be individually considered. Urinary diversion as part of a therapeutic plan definitely will benefit some patients. Others, however, should not be denied, no matter how well meaning a physician's motives are to provide therapy, the choice of a relatively comfortable, dignified benemortasia.

REFERENCES

1. Schoenberg, H. W. et al: Urinary diversion for ureteral obstruction in the presence of recurrent colon carcinoma. *Journal of Urology* 122: 315, 1979.
2. Holden, S. et al: The rationale of urinary diversion in cancer patients. *Journal of Urology* 121:19, 1979.
3. Brin, E. et al: Palliative urinary diversion for pelvic malignancy. *Journal of Urology* 113:619, 1975.
4. Grabstald, H., McPhee M.: Nephrostomy of the cancer patient. *Southern Medical Journal* 66:217, 1973.
5. Young, E.: Reflections of life and death, in *Psychosocial Care of the Dying Patient*, C. Garfield, ed., McGraw Hill, 1978.

Electrical injury of the abdomen

Thomas R. Layton, MD
Martin Nee, MD
Charles E. Copeland, MD

Intraabdominal injury from electrical burns seldom had been documented. Simonin in 1927 described a patient with intestinal prolapse through his anterior abdominal wall after contact with 12,000 volt current.¹ Taffe,² Almgard,³ Di Vencenti,⁴ and Baxter⁵ also described patients with intestinal damage after electrical burns.

Focal pancreatitis has been inferred from electrical injury,⁶ and focal gallbladder necrosis has been documented.⁷⁻⁸ In 1972, Newsome described an unusual case of liver and pancreatic necrosis after high voltage electrical injury.⁹

Two cases of urinary bladder injury with resultant fistula formation have been documented.¹⁰⁻¹¹ Other gastrointestinal complications associated with electrical injury include paralytic ileus, gastrointestinal hemorrhage, and acalculous cholecystitis.

The following report describes a case of intestinal evisceration and damage to the stomach, liver, and pancreas after contact with high voltage current.

Case report

On September 27, 1977, a 60-year-old man was standing on a crane with a control box pressed against his abdomen. When the boom of the crane struck a 13,000 volt high-tension line, he sustained an extensive electrical injury.

He was taken to a nearby hospital but subsequently was transferred to Mercy Hospital. Physical examination revealed an electrical entrance wound in the epigastric area measuring 12" x 9" with intestinal evisceration (Fig. 1).



Figure 1. Small intestine eviscerated through an electrical wound of the abdomen.

Electrocoagulation of all four distal extremities was apparent.

Massive fluid resuscitation with Ringer's lactate and 10% Mannitol was undertaken. While in the emergency room, the patient developed a transient episode of complete heart block but spontaneously converted to a regular sinus rhythm.

The patient was moved to the operating room where a laparotomy was performed through an extension of the abdominal wound. The operative findings were: 1) a stellate entrance wound of the left hepatic lobe with complete electrocoagulation of the lobe, 2) electrocoagulation of the

gastric antrum and first portion of the duodenum with perforations of the anterior and posterior gastric walls and leakage of gastric content into the abdominal cavity, and 3) electrocoagulation of the distal pancreas with apparent viability of the pancreatic head. The small intestine was viable and intact, and the remaining abdominal organs were unremarkable.

A distal gastric resection and proximal duodenal resection with Billroth anastomosis, a left hepatic lobectomy, a 95% pancreatectomy and splenectomy, abdominal lavage, and abdominal drainage were performed. The full thickness abdominal wound was debrided and a double layer of Marlex mesh was inserted. Extremity fasciotomies completed the surgical procedures.

Postoperatively the patient was

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unstable. Despite intense supportive care, he deteriorated. On the third postoperative day he developed multiple cardiac arrhythmias and a cardiac arrest and died.

An autopsy revealed an intact gastroenteric anastomosis, further necrosis of the pancreatic head, electrocoagulation of a portion of the right ventricle, and electrocoagulation of a portion of the diaphragm.

Discussion

Electrical current seldom causes intraabdominal injury, except in cases where the electrical contact wound is on the abdomen, lower back, or perineum. In these cases, intraabdominal injury should be suspected.

Repeated careful physical examination and the appropriate diagnostic studies, such as peritoneal lavage, radioisotope scans, and arteriography, may be helpful in confirming the diagnosis of intraabdominal injury. In the presented case, intestinal evisceration through the abdominal wound was ample evidence for abdominal damage and indication for laparotomy.

To our knowledge, gastric perforation from electrical current previously has not been documented, and the combination of left hepatic lobe necrosis and pancreatic necrosis has been described only once previously.⁹ Traditional surgical principles of resection of necrotic tissue and reconstruction of the gastrointestinal tract were followed in managing these injuries.

The full thickness injury of the abdominal wall was debrided thoroughly and the defect was closed with a double layer of Marlex mesh. With small wounds primary fascial closure with monofilament sutures may be possible. Conservative management has been recommended for such injuries that extend onto the sternum and ribs.⁵

Mandatory re-exploration should be performed on these patients within two to five days since there is a high incidence of anastomotic leak and of further necrosis of damaged tissues. Our patient demonstrated further necrosis of the pancreas at autopsy.

The terminal event for our patient was multiple cardiac arrhythmias and

cardiac arrest. Autopsy studies revealed an area of electrocoagulation of the right ventricle. One might speculate that a temporary or permanent pacemaker may have increased the patient's chances of survival.

REFERENCES

1. Simonin, T.: Electrocution par courant de 12,000 volts. *Ann Med Leg* 7:339-344, 1927.
2. Jaffe, R.H.: Electropathology: A review of the pathologic changes produced by electric currents. *Arch Path* 5:837-870, 1928.
3. Almgard, L.E., Liljedahl, S.O., Nylen, B.: Electric burns of the abdomen. *Acta Chir Scand* 130:550-559, 1965.
4. DiVincenti, F.C., Moncrief, J.A., Pruitt, B.A., Jr.: Electrical injuries: A review of 65 cases. *J Trauma* 9:497-505, 1969.
5. Baxter, C.R.: Present concepts in the management of major electrical injuries. *Surg Clin N Amer* 50:1401-1408, 1970.
6. Glazer, A.M.: Pancreatic necrosis in electric shock. *Arch Path* 39:9-10, 1945.
7. Smith, J., Rank, B.K.: A case of severe electric burns with an unusual sequence of complications. *Brit J Surg* 33:365-368, 1946.
8. Taylor, P.H., Pugsley, L.Q., Vogel, E.H., Jr.: The intriguing electrical burn. *J Trauma* 2:309-324, 1962.
9. Newsome, T.W., Curreri, P.W., Eurenus, K.: Visceral injuries: An unusual complication of an electrical burn. *Arch Surg* 105:494-497, 1972.
10. Kavshik, S.P., Budhreja, S.N.: Electrical burn of the abdomen. *Australian & New Zealand J Surg* 43:186-188, 1973.
11. Chari, P.S., Barna, B.C., Balakrishnan, C.: Electrical burns causing a urinary bladder fistula. *Plast Reconstr Surg* 61:446-448, 1978.

timolol used in treating glaucoma

Richard P. Wilson, MD
George L. Spaeth, MD

Timolol is a new drug for treating glaucoma. Its wide publicity as effective and free from side effects has led some to suggest that timolol is the drug of choice in treating glaucoma or those suspected of having glaucoma. Introduced in the fall 1978, timolol is already one of the most frequently prescribed eye drops in the United States. We believe that timolol's widespread use and the appearance of an increasing number of side effects require a description of the actions and the uses of this drug.

Method of action

The main pharmacologic action of timolol is to block both beta-one and beta-two adrenergic receptors.¹ It has no apparent effect on alpha receptors and therefore, no inherent sympathomimetic effect. Like many of the beta adrenergic blocking agents, timolol produces a reduction of intraocular pressure.

Some beta adrenergic blocking agents have undesirable side effects limiting their clinical usefulness. For example, propranolol is not practical for topical use because of its local anesthetic effect; and practolol may produce a serious muco-cutaneous syndrome.²⁻¹⁰

Timolol has been reported to cause remarkably few side effects. The intraocular-lowering effect of timolol is maximal with a .5% solution administered twice daily; its peak effect is around two hours. The mechanism of action is not understood fully, but apparently is related to decreased

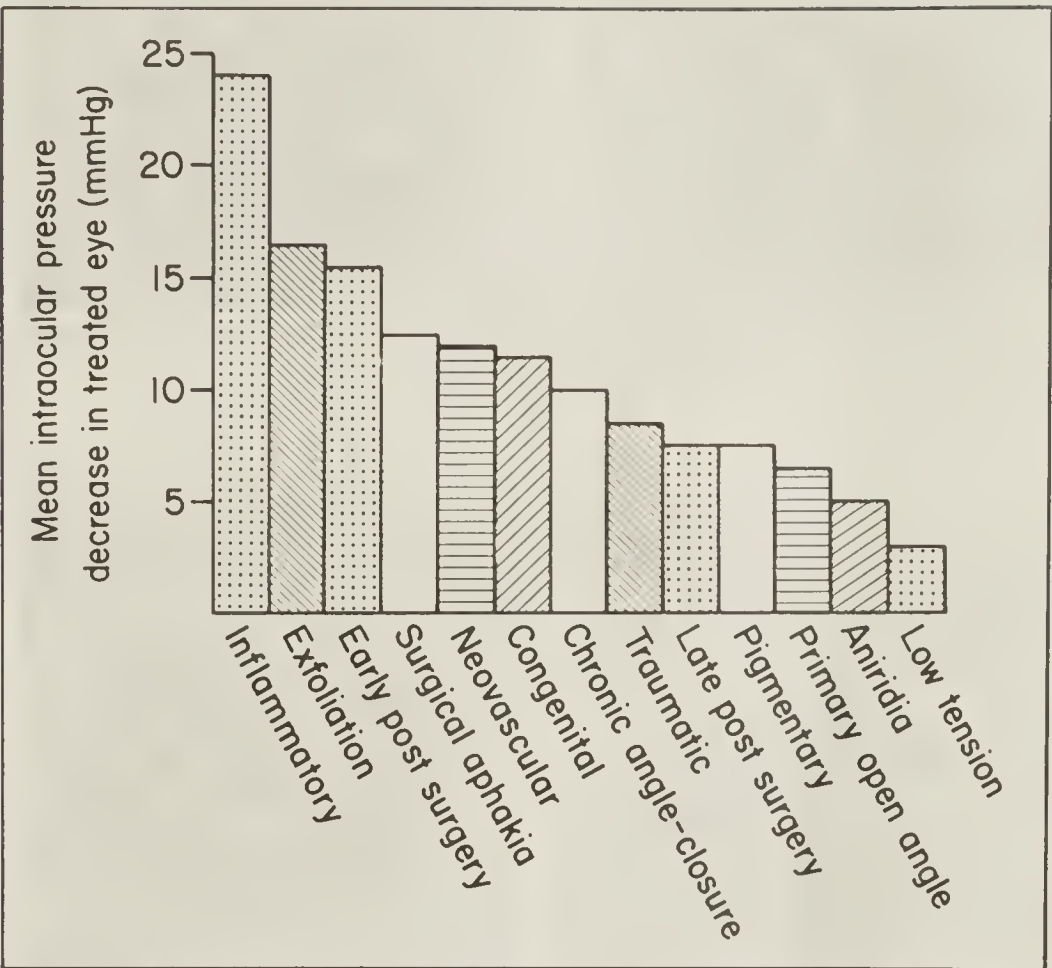


Figure 1: The effect of topically instilled timolol on the intraocular pressure of various types of glaucoma.

aqueous humor production. Many studies have reported its effectiveness.¹⁰⁻¹⁷

Effectiveness

In 1977 and 1978, studies of the Glaucoma Service at Wills Eye Hospital evaluated the effectiveness and safety of timolol in different types of glaucoma. Of the 230 patients in-

cluded, only 76 were controlled rigidly enough to state that adding or deleting timolol to the therapeutic program occurred in the absence of other variables that may have affected intraocular pressure. In almost all cases, timolol was used only in one eye, and the other eye served as a control.

The results of these studies are summarized in Table 1. The category listed as "early post surgery" includes patients started on timolol within the first six weeks following surgery. The "late post surgery" group was started on timolol any time after that.

Many of the cases most difficult to control were screened out of the study because more than one medication had to be added or stopped during the trial period. The remaining group includes individuals with more responsive and

TABLE I
Indications for using timolol

1. Patients who have nerve damage or visual field loss due to glaucoma and whose intraocular pressures cannot be controlled with miotics, epinephrine, or both agents together.
2. Definite glaucoma disease and intolerance to other medication, i.e., epinephrine allergy, pilocarpine induced accommodative spasm, axial cataracts, etc.
3. Definite glaucoma disease or intraocular pressures sufficiently high that nerve damage is anticipated in individuals in whom other therapy is inappropriate, i.e., pilocarpine in inflammatory glaucomas, epinephrine in aphakic glaucomas, strong miotics in patients with a retinal disease, or in patients following surgery.

The authors are on the Glaucoma Service of Wills Eye Hospital, Philadelphia.



Figure 2a: A 57-year-old white male with open-angle glaucoma. Note pupil size on no medication.



Figure 2b: Medication — timolol ½ percent twice daily.

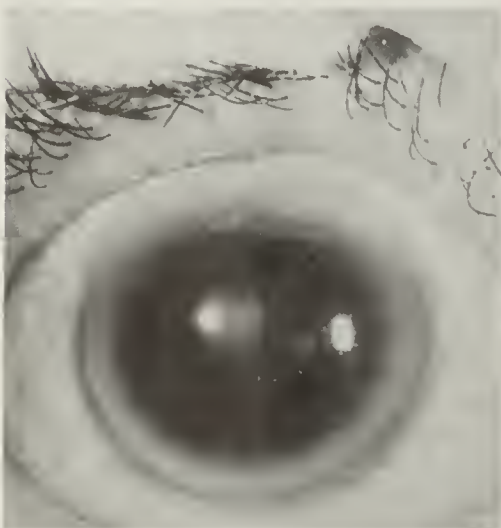


Figure 2c: Medication — epifrin 1 percent twice daily.



Figure 2d: Medication both timolol ½ percent and epinephrine 1 percent twice daily. Note the increase in pupil diameter.

less serious glaucoma, so this skews the apparent effect of timolol on intraocular pressure toward the group more easily controlled.

Patients in two of the sub-groups which showed the most marked response to timolol, the inflammatory and the early post operative groups, would have been expected spontaneously to manifest decreasing intraocular pressure due to clinical improvement associated with concurrent anti-inflammatory treatment.

All types of glaucoma showed a decrease in intraocular pressure on treatment with timolol. The decrease ranged from a 63 percent reduction of intraocular pressure in the inflammatory to a 16 percent decrease in the low tension glaucomas. The most pronounced effect was seen in the early post surgical, the neovascular, the

exfoliation, the inflammatory, and the aphakic glaucomas (Figure 1).

Other situations in which timolol has proved useful include the following:

- acute primary angle closure, in which timolol acts rapidly and is additive to pilocarpine, carbonic anhydrase inhibitors, and the osmotic agents;

- the intraocular pressure rise that may follow pan-retinal photocoagulation or cataract extraction;

- uveitic glaucomas of all kinds;
- steroid-induced glaucoma;
- Chandler's syndrome;
- essential iris atrophy;
- following penetrating keratoplasty; and

- in pseudophakic patients, where miotics are often contraindicated. Other categories include hemolytic

glaucoma, chemical burns, glaucomatocyclitic crisis, acute corneal ulcers, dislocated lenses, aniridia, heterochromic cyclitis, and phakolytic glaucoma.

Timolol has been effective in each of these kinds of glaucoma, though to a variable degree even in the same diagnostic category. This variability warrants emphasis; however, since many of the cases from these categories are difficult to treat with present medications, any help is appreciated.

Another finding confirmed in our study was the crossover effect on the other eye. When timolol was started in one eye, there was an average reduction in intraocular pressure of 2mm (SD15) in the untreated eye.

The frequency of escape of intraocular pressure, *i.e.* the decrease in effectiveness of the drug in lowering pressure, still is debated. It appears that many cases will show a greater response in the first ten days following initiation of therapy than they will one month later. There appears to be a fairly constant continued effect of timolol in those individuals who show a satisfactory response one month after starting therapy, although additional escape may occur between six to twelve months.

Side effects

Some authors report only rare side effects from the use of timolol. We have noted troublesome side effects in increasing numbers of cases. Several other investigators have had similar experience.

Between three to six percent of our patients exhibit superficial punctate keratitis after using timolol for several days. Although most patients find the drug soothing, many complain of burning and a sandy feeling under their lids. These side effects are probably due to a mild toxic effect on the corneal epithelium. The burning sensation may resolve by the end of the first week even though the keratitis persists.

A small percentage of patients complain of blurred vision which usually does not resolve and often requires discontinuing the drug. In some, this is caused by a change in refraction when the pilocarpine, which previously was being used, was stopped. In

thers, the reason for the visual complaint is less clear; it may be similar to the blur caused by epinephrine drops. A few patients using both epinephrine and timolol drops develop striking pupillary dilation; the pupil becomes six or more millimeters wide and reacts poorly to light (Figure 2).

Other side effects include headache, which is often sufficiently severe to force discontinuing the medication, bradycardia, hypotension, lethargy, and syncopal episodes. The bradycardia can be observed electrocardiographically within ten to fifteen minutes following instillation of drops in susceptible patients.

We have had three unusual cases in which patients noted visual hallucinations. These occurred in people who had never been subject to hallucinations before starting timolol. Timolol also may trigger or aggravate asthma, and can cause localized allergic reactions. One patient has complained about a tranquilizing effect of the drug; in another, timolol was linked to the development of sudden impotence.

Side effects related to the cardiovascular system are important. Patients who complain of lassitude or lethargy or who have a syncopal episode, should have pulse and blood pressure checked. Yet the central nervous system side effects do not always seem to be caused by the bradycardia or hypotension; there may be a more direct effect, similar to the organic brain syndrome-like symptoms caused by propranolol.

The pupillary dilation seen in individuals using both timolol and epinephrine can be dangerous in patients with narrow anterior chamber angles.

Summary

Timolol lowers intraocular pressure in a wide spectrum of glaucomas. Its effects can be striking (Figure 3), but the drug is not effective in all individuals nor is it without significant side effects. The earlier claims of its remarkable innocuousness cannot be substantiated. There is a spectrum of side effects, most of which seem minor.

Because timolol is new, and because much about it is still unknown, we on the Glaucoma Service at Wills Eye Hospital do not use it as a first-line drug. It is important to recall that side

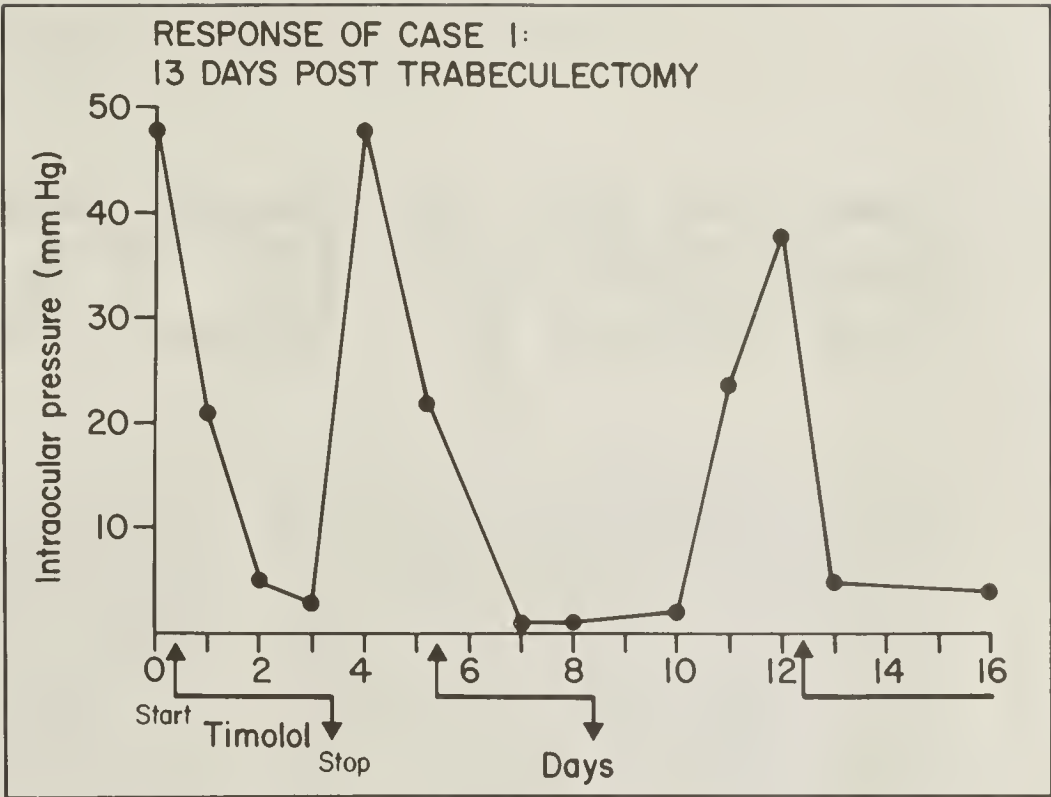


Figure 3: Response of intraocular pressure in a 60-year-old white male. Diagnosis was primary open-angle glaucoma and the exfoliation syndrome. A trabeculectomy performed two weeks before was unsuccessful in controlling the intraocular pressure.

effects, even those of great significance, may not be noted at the first use of medications. This is true even when the medications have been tested carefully as with timolol.

We recall that it took ten years to discover that echothiophate, once considered a drug of choice in open angle glaucoma, is known to cause cataracts in a high percentage of individuals who use it chronically. Thus we prefer to use pilocarpine and epinephrine, the proven drugs, first and to employ timolol only when specifically indicated. These indications are listed in Table I.

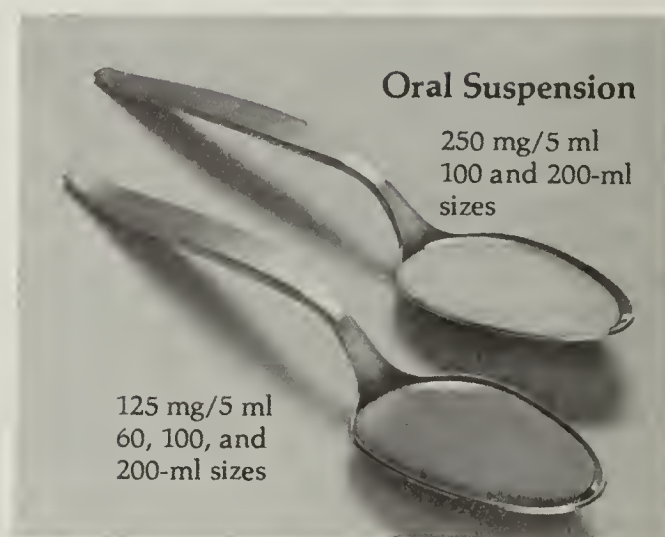
The final factor that should be stressed is the variability of effect from individual to individual, even in the same diagnostic category. No features have been noted that accurately identify patients in whom timolol is effective. We suggest considering each patient a clinical trial. In this regard, it is helpful to start timolol in only one eye and to judge its effectiveness before instituting a maintenance program.

REFERENCES

1. Fitzgerald, J.D.: Perspectives in adrenergic beta-receptor blockade. *Clinical Pharmacol Ther* 10:292, 1969.
2. Editorial. *Brit J Ophthal* 60:311, 1976.
3. Editorial. *The Lancet*, pp. 1242-43, June 10, 1978.

4. Wright, P., Fraunfelder, F.T.: Proctolol induced oculomucocutaneous syndrome. *Symposium on Ocular Therapy*, ed. Leopold, I.H., Buns, R.P.: Chapter 9: 97-110, 1976.
5. Editorial, Adverse effects of proctolol. *Annals of Clinical Research* 8:229-231, 1976.
6. Eltz, H., Asschlimann, J., Gloor, B.: A double blind clinical trial of guanethidine/adrenaline combination compared with the two separate components in glaucoma. *Acta Ophthalmol* 56:191-200, 1978.
7. Mills, K.B., Ridgway, A.E.A.: A double blind comparison of guanethidine-and-adrenaline drops with 1 percent adrenaline alone in chronic simple glaucoma. *Brit J Ophthal* 62:320-323, 1978.
8. Kriegelstein, G.K., Langham, M.E., Ledyhecker, W.: The peripheral and central neural actions of clonidine in normal and glaucomatous eyes. *Invest Ophthalmol Vis Sci* 17:149-158, 1978.
9. Hetherington, J., Hoskins, D., Shaffer, R.: Personal communication.
10. Radius, R.L., Diamond, G.R., Pollack, I.V., Langham, M.E.: Timolol, a new drug for management of chronic simple glaucoma. *Arch Ophthalmol* 96:1003-1008, 1978.
11. Katz, I.M., Hubbard, W.A., Getson, A.J., Gould, A.L.: Intraocular pressure decrease in normal volunteers following timolol ophthalmic solution. *Invest Ophthalmol* 15:489, 1976.
12. Zimmerman, T.J., Kaufman, H.E.: A beta-adrenergic blocking agent for treatment of glaucoma. *Arch Ophthalmol* 95:601, 1977.
13. Boger, W.P., Puliafito, C.A., Steinert, R.F., Langston, D.P.: Long-term experience with timolol ophthalmic solution in patients with open angle glaucoma. *Ophthalmol* 85:259, 1978.
14. Boger, W.P., Steinert, R.F., Puliafito, C.A., Pavan-Langston, D.: Clinical trial comparing timolol ophthalmic solution to pilocarpine in open angle glaucoma. *Am J Ophthalmol* 86:8, 1978.
15. Sonntag, J.R., Brindley, G.O., Shields, M.B.: Effect of timolol therapy on outflow facility. *Invest Ophthalmol Vis Sci* 17:293, 1978.
16. Zimmerman, T.J., Gillespie, J.E., Kass, M.A., Yablonski, M.E., Becker, B.: Timolol plus maximum tolerated anti-glaucoma therapy. *Arch Ophthalmol* 97:278, 1979.

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External eye problems of elderly patients

Dion R. Ehrlich, MD
Richard H. Keates, MD

It is not uncommon for the geriatric patient to have multiple complaints that may or may not be related to an acute illness. Some of these patients require treatment for such complaints; others require only reassurance. The purpose of this discussion of five common external ocular complaints of the elderly is to help the practitioner recognize the specific clues of external eye diseases.

Changed appearance of eyelids

Several types of changes in the appearance of the eyelids may annoy or alarm the geriatric patient. Most physicians are familiar with dermatochalasis, or folds of redundant skin that make the eyelids look hooded or baggy. This may be treated for cosmetic reasons by surgery.

In contrast, ptosis is an actual drooping of the eyelid. Normally, the upper eyelid margin rests 1 to 2 mm below the superior corneal limbus. Acquired ptosis in the geriatric patient often is due to a loss of tone in the levator muscle. It responds well to surgery. Less often, acquired ptosis may be neurogenic, resulting from a third-nerve palsy, Horner's syndrome, or trauma. Ptosis that varies during the day may be caused by myasthenia gravis. Neurogenic ptosis requires further investigation by a neurologist.

Proptosis of the globe may be real or apparent, unilateral or bilateral, and may be associated with eyelid retraction. The most common cause of proptosis is thyroid eye disease. Exophthalmos can cause a dry eye from exposure keratitis and requires further diagnostic and therapeutic evaluation in cooperation with an ophthalmologist.

Ectropion and entropion of the eyelids may be associated with advancing age and lax tissues or may result from cicatricial disease. In ectropion the eyelid border appears to sag and turn outward from the globe. The involved palpebral conjunctiva becomes keratinized, and the disturbed position of the punctum interrupts tear drainage. Entropion, a turning in of the eyelid borders, causes irritation

when the lashes rub on the cornea. These disorders can be corrected by surgery.

Growth on the eye

When a patient complains of a growth or mass on the eye, the physician should first ask how long the lesion has been present and whether it has changed in size. Although many geriatric patients may not be concerned about the cosmetic appearance of some lesions, they may worry about their malignant potential.

Basal cell epithelioma is the most common malignant lesion of the eyelids. It occurs most commonly on the lower eyelid, is seen often in the geriatric population, and is associated with sun exposure. It is characterized by a raised, pearly-nodular border, telangiectasia of vessels on the surface, and central ulceration. It rarely metastasizes, but may relentlessly invade deeper tissues if not treated—hence, its historical name "rodent ulcer." Early treatment by surgery, radiotherapy, or cryotherapy is curative, and this lesion rarely recurs. The basic principle of therapy is to destroy the tumor without disturbing the anatomy of the eyelids or lacrimal apparatus. Differential diagnosis includes many benign lesions such as papillomas, keratoacanthomas, and senile keratosis.

Squamous cell carcinoma of the eyelids is rare. It occurs most often in the upper eyelid or outer canthus, and presents as a small, hard, indurated nodule with fissures. It tends to spread to regional lymph nodes and to extend

locally, and is usually treated by surgery with excision of wide margins of healthy tissue. Biopsy of suspicious or changing lesions is recommended.

Xanthelasma is characterized by yellow, elevated lipid-infiltrated spots that develop on the eyelids and are easily diagnosed clinically. Elevated blood lipids may be associated with this disorder. Surgery results in an improved appearance, but the lesions may recur.

It is not always easy to clinically differentiate benign and malignant pigmented lesions of the eyelid. Any enlarging pigmented lesion on the eyelid, whether flat or raised, should be biopsied. Recent case reports indicate it is important to distinguish histologically between several forms of what has been referred to as Hutchinson's melanotic freckle, since the prognoses of the different forms are radically different.

Conjunctival tumors may be benign, malignant, vascularized, or pigmented. A history of the duration of the tumor and of any change in it is important. A pigmented lesion that has changed or enlarged requires further investigation.

A pinguecula is a yellowish mass located on the bulbar conjunctiva in the interpalpebral space. It is associated with sun exposure and requires only reassuring the patient. A pterygium is a benign winglike growth of tissue on the cornea. It too is associated with sun exposure and is usually quiescent in elderly patients.

A salmon-pink mass under the conjunctiva may represent a lymphoma, prolapsed orbital fat, or lacrimal gland. A history of systemic malignancy or recent change in the appearance of the lesion may be helpful in diagnosis. Suspicious or changing lesions should be biopsied.

Dry eye

The risk of significant eye disease is greater in a dry eye than in a healthy eye. An understanding of tear physiology will help identify patients with a dry eye.

The tears are composed of three lay-

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ers. An outer lipid layer produced by the tarsal meibomian glands functions as a regular refracting surface and reduces tear evaporation. A middle aqueous layer produced by the main and accessory lacrimal glands constitutes the bulk of the tear layer. An inner mucinous layer produced by the conjunctival goblet cells serves as a wetting agent and facilitates the stability of the tear film on the surface of the cornea. Patients with a dry eye may complain of irritation, foreign-body sensation, or a dry feeling in the eye.

Tear deficiencies may result from either an aqueous deficiency or a mucinous deficiency. The mucin layer may be inadequate in diseases causing vitamin A deficiency or scarring of the conjunctiva. The latter is secondary to trachoma; the Stevens-Johnson syndrome; chemical, thermal, or radiation burns; and benign mucous membrane (ocular) pemphigoid. Fluorescein instillation may show corneal staining and a reduced tear breakup time (stability) test. Artificial tear solutions may be helpful in many patients and must be used frequently, since the stability of the tear layer is still abnormal.

A dry eye due to a deficient aqueous tear component results in a keratoconjunctivitis sicca syndrome. This disorder may be associated with arthritis and xerostomia in Sjögren's syndrome. Sarcoid, mumps, or a neoplasm involving a lacrimal gland may also produce keratoconjunctivitis sicca.

Systemic medications, including antihypertensives, antihistamines, anticholinergics, and sympatholytic agents may contribute significantly toward producing a dry eye. Thick, stringy mucus may be observed in the eye, and the Schirmer test may show reduced tear secretion. Treatment consists of supplementing tear production with artificial tear solutions and use of mucolytic agents such as acetylcysteine.

The tears must be spread evenly over the cornea by the eyelids with each blink in order to afford protection. A weak orbicularis or seventh facial nerve may cause a poor blink and inadequate coverage of the eye by the tear film (exposure keratitis). The physician should determine whether

the patient has a history of Bell's palsy or surgery. Eyelid retraction and ptosis due to thyroid eye disease or localized orbital mass may also produce an exposure keratitis, as may previous surgery for ptosis. After investigation into its cause, exposure keratitis is treated medically with artificial tears, sometimes combined with a bandage soft contact lens. When this fails, a partial tarsorrhaphy, or closing of the lids, will improve the tear coverage.

Watery eye

A tearing eye may be a source of irritation and embarrassment to the patient but will not cause loss of vision, as can a dry eye. Tearing may be caused either by excess lacrimation or by epiphora (defective tear drainage). The patient with lacrimation gives a history of intermittent tearing outdoors, on a windy day, in a smoky room, or in bright sunlight. This is usually caused by a protective reflex, although cholinergic drugs, psychic stimulation, and aberrant seventh-nerve regeneration can produce a similar situation. A patient complaining of lacrimation actually may have a dry eye that becomes irritated enough to initiate a short reflex flow of tears.

Epiphora is more continuous than lacrimation and, in adults, usually results from an obstruction of the nasolacrimal duct or poor apposition of the punctum. Eye medications such as idoxuridine can cause a stenosis of the punctum, and when either entropion or ectropion is present, tears may fail to drain through the lacrimal system. A complete eye examination, including evaluation of the patency of the lacrimal system, can best determine the site of obstruction and appropriate surgical correction.

Red, irritated eye

The primary care physician is often the first to see the patient with a red eye. It is especially important to obtain a complete history from these patients. The duration of the complaint helps to differentiate acute from chronic disorders. Inquiry about visual loss, previous episodes or use of eye medications, possible injuries, allergies, pain, discharge from the eyes, or associated skin or systemic disease is often helpful in diagnosis.

Examination of the eye starts with

the distance or near equivalent visual acuity, determined with the patient wearing his glasses, if appropriate. The eyelids and lashes are then inspected. Crusting or discharge is usually a sign of bacterial infection. Chronic injection or crusting of the lid is caused by an underlying staphylococcal or seborrheic blepharitis and requires continuing care by an ophthalmologist. Swollen eyelids and painful vesicular eruption on the forehead or scalp may represent herpes zoster ophthalmicus.

A flashlight should be used to check the pupils. A red eye with a small pupil may suggest iritis. A red eye accompanied by severe pain and a mid-dilated pupil may indicate an acute angle-closure glaucoma.

The luster or brilliance of the light reflex from the cornea may also be observed. A hazy luster or irregular reflex means an abnormal cornea, not simple conjunctivitis. A foreign body seen on the cornea may be the source of the patient's complaint.

The distribution of the injection is also a useful observation. Iritis produces a dark red engorgement of the deeper vessels around the corneal limbus. A conjunctivitis causes less redness at the limbus and more toward the fornices or on the palpebral (eyelid) conjunctiva. A bright red subconjunctival hemorrhage can easily be differentiated from the injection of inflamed vessels.

Many physicians treat an acute bacterial conjunctivitis with sulfonamide or combination antibiotic solutions. Steroids or combination antibiotic-steroid medications should not be used. The patient may be referred to an ophthalmologist if he does not respond after several days of treatment.

Comment

The primary care physician should be able to determine whether elderly patients have acute or chronic external ocular disease and whether vision is affected. If the eyes are chronically red, irritated, or dry for over one month, the physician should seek ophthalmologic consultation to rule out underlying diseases. A patient with acute onset of pain, decreased acuity, purulent discharge, or associated injury should receive immediate ophthalmologic care.

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Serum ferritin level as index of iron stores

Robert A. Gordon, MD
Robert W. Hamilton, MD
Lawrence M. Demers, MD
David Miller, MD

Ferritin is an iron-containing protein found chiefly in the cytoplasm of reticuloendothelial cells. It functions as the major intracellular storage form of iron.¹

Recent advances in radioimmunoassay techniques have made it practical to quantify ng/ml levels of ferritin which are present in normal serum. Using these methods, serum ferritin levels have been shown to correlate with total body iron stores in healthy individuals as well as persons with iron deficiency and iron excess states.² The purpose of our investigation was to determine the prospective relationship between bone marrow iron stores and serum ferritin concentration in an unselected patient population in our institution.

Methods

Bone marrow aspirates. Bone marrow aspirates were obtained from the posterior, superior iliac crest. Thick preparations were mounted on glass slides and stained for iron with a mixture of 10% potassium ferrocyanide and 10% hydrochloric acid.

The amount of iron stores in the bone marrow aspirate was graded from 0 to 4 according to the following criteria:

Grade Description

- | | |
|---|--|
| 0 | Stainable iron absent in all spicules examined |
| 1 | Stainable iron present in decreased amount |
| 2 | Stainable iron present in normal amount |
| 3 | Stainable iron present in increased amount and visible microscopically but not grossly |
| 4 | Stainable iron present in increased amount and visible grossly |

At least three spicules were examined in each case. The marrows were graded without knowledge of the serum ferritin concentrations. Two independent observers graded the

marrow iron stores and the description never varied by more than one grade. **Serum ferritin.** Blood for serum ferritin was drawn on the day the bone marrow aspiration was performed. Ferritin measurements were determined using the two-site immunoradiometric assay employed by the Ramco Reaction Kit.

Results

Serum ferritin and bone marrow aspirates were available on 49 patients. Eight of the 49 had no stainable iron. Six of these eight had serum ferritin concentrations below 18 ng/ml; two of the eight had serum ferritin levels above 18 ng/ml. Of the two patients with serum ferritin concentrations above 18 ng/ml and absent stainable iron, one had abnormal liver function tests and biopsy-proven liver disease. The other patient had been treated with ferrous sulfate.

The remaining 41 patients had stainable iron detectable in the bone marrow aspirate and had serum ferritin concentrations above 30 ng/ml with one exception. This one patient had a serum ferritin concentration of 17 ng/ml and normal bone marrow iron stores. He had non-Hodgkin's lymphoma and was asymptomatic. We can offer no explanation for this finding.

All patients with grossly visible stainable marrow iron had serum ferritin values above 200 ng/ml.¹⁴ Of 15 patients with serum ferritin levels below 60 ng/ml, all had normal to absent iron stores except for one patient who had slightly increased stainable

marrow iron.

The median ferritin concentration for the five groups of patients studied were 7.3 ng/ml for absent iron stores, 75.5 ng/ml for decreased iron stores, 142.75 ng/ml for normal iron stores, 320.0 ng/ml for slightly increased iron stores, and 387.7 ng/ml for markedly increased iron stores.

Discussion

Iron is the most abundant trace element in man. It functions primarily in the synthesis of hemoglobin. Considering the widespread incidence of iron deficiency anemia in the United States (11 percent in children and adolescent females, 14 percent in premenopausal women and 8-9 percent in people over 45 years of age),³ one can appreciate the importance in measuring the body's iron content in a convenient and reproducible manner. With the development of sensitive radioimmunoassay techniques, it is now practical to measure trace amounts of ferritin normally present in serum.²

Ferritin is the major storage protein for iron and is found chiefly in the cytoplasm of the cells of the reticuloendothelial system.¹ The trace amount of ferritin normally present in serum appears to come from the breakdown of cells in iron-containing tissues, especially from macrophages in the liver, spleen, and bone marrow.⁴ In most situations, the amount of ferritin within these cells correlates with the amount of storage iron in the body so that the serum ferritin concentration reflects the body's storage iron status.

The anemia of chronic disease and iron deficiency anemia are the two most common presentations of anemia confronting the clinician. Both of these anemias may be normochromic normocytic or hypochromic and microcytic and the clinical conditions frequently cannot provide a definitive diagnosis. Measurements of serum iron, transferrin and transferrin saturation

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ation often are unreliable in this situation.

The serum iron concentration is decreased in both these conditions. In true iron deficiency anemia there is no storage iron. In chronic disease the iron is not released by the reticuloendothelial cells into the plasma, and transferrin synthesis in the liver may be depressed resulting in a low or normal total iron binding capacity level. Uncomplicated iron deficiency may stimulate transferrin production which would be helpful diagnostically, except that the transferrin level also may be normal. The percent saturation of transferrin is usually below 2-15 in both disorders, providing no additional information.

Until recently, the only definitive way to distinguish these two anemias was to perform a bone marrow aspiration which often resulted in patient discomfort, inconvenience, and expense. Now a serum ferritin concentration often can differentiate these two anemias accurately and conveniently.

Our study and others, have demonstrated the accuracy and usefulness of serum ferritin in uncomplicated iron deficiency. A serum ferritin concentration below 18 ng/ml essentially is diagnostic of iron deficiency. There is no other condition yet known which lowers the serum ferritin.

In a study by Ali and colleagues,⁵ none of 179 patients whose bone marrow specimens contained iron had a ferritin value of less than 12 ng/ml. In our study, using 18 ng/ml as the level below which we consider the patient to be iron deficient, only one patient with a serum ferritin concentration of 17 ng/ml had stainable marrow iron, which would be considered a false positive result. Two other studies correlating the serum ferritin concentration with stainable marrow iron stores, report 1 of 30⁶ and none of 75 patients⁷ with decreased serum ferritin levels and stainable iron in the

marrow. Therefore, for practical purposes a serum ferritin level below the standard set by the laboratory is indicative of iron deficiency.

Like all laboratory tests, however, ferritin levels must be interpreted cautiously since not all patients with iron deficiency will have a low serum ferritin concentration.⁹ Hepatocellular disease,⁸ leukemia,⁹ Hodgkin's disease,⁹ inflammatory states,¹⁰ hemolytic anemias,⁷ and ineffective erythropoiesis⁷ are conditions which will elevate the serum ferritin concentration even in the presence of iron deficiency. Hepatic parenchymal cells contain significant amounts of ferritin and serum ferritin values will be abnormally elevated in both acute and chronic liver disease. In such conditions where iron deficiency is suspected, a bone marrow aspirate is necessary.

Two of our eight patients with absent stainable marrow iron had elevated serum ferritin levels. One patient had liver disease documented by biopsy. The other was taking ferrous sulfate. Exogenous iron rapidly stimulates the synthesis of ferritin.¹¹ For this reason, a serum ferritin concentration is meaningless when the patient is taking iron.

Another promising use of measuring serum ferritin is in determining the iron requirements for chronic hemodialysis patients.^{12,13} Although iron deficiency is not the primary feature of the anemia of chronic renal failure, it does occur from excessive blood loss from the dialysis procedure, as well as from gastrointestinal blood loss, decreased dietary iron, and binding of iron within the gastrointestinal tract by aluminum hydroxide antacids given for hyperphosphatemia.

Serum iron and transferrin studies are totally unreliable in this situation and repeat bone marrow aspirations are impractical and undesirable. Treatment with intravenous iron can be hazardous and may result in

hemosiderosis.¹⁴ Hussein and colleagues¹² have shown an excellent correlation between the serum ferritin concentration and the bone marrow iron stores in 44 patients with chronic renal failure on maintenance hemodialysis. They suggest that the serum ferritin is the best method of assessing the need for iron in chronic renal failure.

The serum ferritin level can be a useful tool in evaluating the iron stores of young children between 6 months and 3 years of age, when the incidence of iron deficiency is at its peak.¹⁵ The sample size required to perform a serum ferritin is small enough so that a finger or heel stick can avoid the need for a venipuncture. One disadvantage of a bone marrow aspirate for iron staining in children is that it is difficult to interpret since decreased stainable iron is so common that it is of little use in distinguishing an iron deficient child from the normal population.

Iron overload states cause the serum ferritin level to be high. The serum ferritin concentration has been shown to correlate closely with transfusional hemosiderosis and advanced hemochromatosis.⁷ Initially serum ferritin was claimed to be of value in the diagnosis of precirrhotic idiopathic hemochromatosis. This has been questioned but is still open to debate.

Wands and colleagues¹⁶ described three families in whom several affected relatives with precirrhotic hemochromatosis had increased body iron stores and normal levels of serum ferritin. They concluded that serum ferritin levels were no more helpful in predicting increased tissue iron concentration than other available noninvasive tests.

Halliday and co-workers¹⁷ however, investigated 43 families with idiopathic hemochromatosis and found 98 percent of them with elevated serum ferritin concentration and increased iron stores. They concluded that the

Adolescents in Treatment - Annual Symposium and Workshops

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March 25-27, 1981

Conference-Thursdays, March 26

Friday, March 27, 1981

Keynote Addresses *Psychotherapy of Adolescents*, Harold Kolansky, MD
Fragments of the Analysis of an Adolescent: A Case Presentation, J. Alexis Burland, MD
Family Therapy with Adolescents, John C. Sonne, MD, G. Pirooz Sholevar, MD

Discussants Kenneth Gordon, MD; Marshall Schechter, MD; Harold Graff, MD; Leon North, MD; Jacquelyn Zavodnick, MD; Alfred S. Friedman, MD; Geraldine Spark, ACSW; Claus Bahnson, PhD

Topics

Incest; Adolescent Pregnancy: Individual and Family Characteristics and Dynamics; Impact of Adolescent Pregnancy on Developmental Tasks; Eating Disorders: Anorexia Nervosa and Obesity

Speakers

G. Pirooz Sholevar, MD; Marsha Speller, MD; David S. Brashear, MD; Adrian Copeland, MD; Ora Smith, MD; German Nino-Murcia, MD; Ian S.E. Gibbons, MD

Workshops - Wednesday, March 26, 1981

Topics

Family Therapy with Adolescents, Group Therapy, Treating Severely Disturbed Adolescents, Psychoanalytically Oriented Individual Psychotherapy; Incest and Rape, Psychosomatic Disorders and Chronically Ill Adolescents, D.S.M. III-Disorders of Children and Adolescents

Workshop Leaders

David Brashear, MD; Adrian Copeland, MD; Loren Crabtree, MD; Linda

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Registration fee for the conference and workshops, \$145; conference fee, \$100; full day workshop fee, \$50. Conference and workshop will provide 18 hours Category I credit and will be held at Jefferson Medical College.

For further information contact: G. Pirooz Sholevar, MD - Director, Division of Child, Adolescent and Family Psychiatry, Suite 1320 - HSC, 130 S. 9th Street, Philadelphia, PA 19107; Tel. (215) 928-8178, 79.

serum ferritin concentration is a useful noninvasive screening test for iron overload which allows the detection of idiopathic hemochromatosis in the precirrhotic state. Most of the complications of idiopathic hemochromatosis can be prevented if phlebotomy therapy is initiated before hepatic cirrhosis develops. The physician who diagnoses the disease is therefore, responsible for screening the relatives. In this situation the serum ferritin concentration may be helpful.

Many other uses for serum ferritin have been advocated, including the monitoring of breast cancer patients' responses to therapy,¹⁸ its use as an index for predicting relapse in acute lymphoblastic leukemia, and its value in assessing chelation therapy in patients with thalassemia who have been transfused regularly.²⁰

Conclusion

In summary, the serum ferritin assay appears to be the most accurate and reliable noninvasive laboratory test presently available to assess total body iron stores. A decreased serum ferritin level (below 18 ng/ml) is spe-

cific for iron deficiency anemia, but iron deficiency anemia may exist in patients with liver disease or inflammatory states with an elevated serum ferritin. The serum ferritin is more cost effective than assessing marrow iron stores by bone marrow aspiration in evaluating the patient with suspected iron deficiency, and is more useful than the serum iron and TIBC.

REFERENCES

1. Alfrey, C.P., Lynch, E.C., Whitley, C.E.: Characteristics of ferritin isolated from human marrow, spleen, liver, and reticulocytes. *J Lab Clin Med* 70: 419, 1967.
2. Addison, G.M., Beamish, M.R., Halls, C.N., Hodgkins, M., Jacobs, A., Llewellyn, P.: An immunoradiometric assay for ferritin in the serum of normal subjects and patients with iron deficiency and iron overload. *J Clin Path* 25:326, 1972.
3. Cook, J.D., Finch, C.A., Smith, N.J.: Evaluation of the iron status of a population. *Blood* 48:449, 1976.
4. Jacobs, A., Worwood, M.: Ferritin in serum: clinical and biochemical implications. *New Eng J Med* 292:951, 1975.
5. Ali, M.A.M., Luxton, A.W., Walher, W.H.C.: Serum ferritin concentration and bone marrow iron stores: a prospective study. *CMA Journal* 118:945, 1978.
6. Kalmin, N.D., Robson, E.B., Bettigole, R.E.: Serum ferritin and marrow iron stores. *NY State J of Med* June:1052, 1978.
7. Lipschitz, D.A., Cook, J.D., Finch, C.A.: A clinical evaluation of serum ferritin as an index of iron stores. *New Eng J Med* 290:1214, 1974.
8. Prieto, J., Barry, M., Sherlock, S.: Serum ferritin in patients with iron overload and with acute and chronic liver diseases. *Gastroenterology* 68:525, 1978.
9. Jones, P.A.W., Miller, F.M., Worwood, M., Jacobs, A.: Ferritinaemia in leukemia and Hodgkin's disease. *Br J Cancer* 27:212, 1973.
10. Bentley, D.P., Williams, P.: Serum ferritin concentration as an index of storage iron in rheumatoid arthritis. *J Clin Path* 27:786, 1974.
11. Harrison, P.M., Hoare, R.J., Hoy, T.G., et al: Ferritin and haemosiderin: structure and function. *Iron in Biochemistry and Medicine*. Edited by A. Jacobs, M. Worwood. London, Academic Press 1974, pp. 73-114.
12. Hussein, S., Prieto, J., O'Shea, M., et al: Serum ferritin assay and iron status in chronic renal failure and hemodialysis. *Br Med J* 1:546, 1975.
13. Mirahmadi, K.S., Wellington, P.L., Winer, R.L., et al: Serum ferritin level. Determinant of iron requirement in hemodialysis patients. *JAMA* 238:601, 1977.
14. Boher, L.R.L., Barnett, N.D., Brozovic, B., et al: Hemosiderosis in a patient on regular hemodialysis treatment by desferrioxamine. *Clin Nephrol* 6:326, 1976.
15. Sumes, M.A., Addiego, J.E., Dallman, P.R.: Ferritin in serum: diagnosis of iron deficiency and iron overload in infants and children. *Blood* 43:581, 1974.
16. Wands, J.R., Rowe, J.A., Mezey, S.E., et al: Normal serum ferritin concentrations in precirrhotic hemochromatosis. *New Eng J Med* 294:302, 1976.
17. Halliday, J. W., Cowlishaw, J.L., Russo, A.M., Powell, L.W.: Serum ferritin in diagnosis of hemochromatosis. *Lancet* 2:621, 1977.
18. Marcus, D.M., Zimberg, N.: Measurement of serum ferritin by radioimmunoassay; results in normal individuals and patients with breast cancer. *J Nat Cancer Institute* 55:791, 1975.
19. Parry, D.H., Worwood, M., Jacobs, A.: Serum ferritin in acute leukemia at presentation and during remission. *Br Med J* 1:245, 1975.
20. Letsky, E.A., Miller, F., Worwood, M., Flynn, D.M.: Serum ferritin in children with thalassemia regularly transfused. *J Clin Path* 27:652, 1974.

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Contraindications: Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia, re-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. **Associated widened QRS complex or arrhythmia requires prompt additional therapy.** Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, throm-

bocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Watch for signs of impending coma in severe liver disease. If spironolactone is used concomitantly, determine serum K⁺ frequently, both can cause K⁺ retention and elevated serum K⁺. Two deaths have been reported with such concomitant therapy (in one, recommended dosage was exceeded, in the other serum electrolytes were not properly monitored). Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic anemia have been reported with thiazides. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Anti-hypertensive effect may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with

possible metabolic acidosis. Dyazide® interferes with fluorescent measurement of quinidine. Hypokalemia, although uncommon, has been reported. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function.

Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions; nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances. Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and, rarely, allergic pneumonitis have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components.

Supplied: Bottles of 1000 capsules; Single Unit Packages (unit-dose) of 100 (intended for institutional use only); in Patient-Pak™ unit-of-use bottles of 100.

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obituaries

• *Indicates PMS membership at time of death*

• **Milton M. Auslander**, Norristown; Jefferson Medical College, 1928; age 74, died January 6, 1981. Dr. Auslander, an eye, ear, nose, and throat specialist, was one of the first physicians to perform microscopic surgery in the ear. He received the first distinguished physician award presented by Sacred Heart Hospital.

• **Josiah R. Eisaman**, Pittsburgh; Harvard Medical School, 1921; age 84, died December 24, 1980. Dr. Eisaman was on the staffs at St. Margaret Memorial and Magee-Womens hospitals.

• **Philip Fieman**, Philadelphia; Temple University School of Medicine, 1932; age 73, died January 3, 1981. Dr. Fieman was an internist who had practiced for 35 years in Wynnefield.

• **Edison H. Harmon**, Corry; University of Pittsburgh School of Medicine, 1930; age 76, died January 9, 1981. Dr. Harmon had practiced family medicine in Corry. He recently had been honored by Erie County Medical Society for his 50 years in practice.

• **Lamar Emerson Haupt**, Perkasio; Jefferson Medical College, 1947; age 57, died January 2, 1981. Dr. Haupt had maintained a family practice in Perkasio from 1957 until 1980.

• **William Paul Jennings**, Reading; University of Pennsylvania School of Medicine, 1937; age 69, died January 19, 1981. Dr. Jennings was a former chief pathologist at Reading Hospital.

• **Walter H. Kehler**, New Castle; Hahnemann Medical College & Hospital, 1942; age 68, died June 1, 1980. Dr. Kehler was a past president of Lawrence County Medical Society.

• **Milos Jan Lota**, Rochester, New York; Masaryk University College of Medicine, Brno, Czechoslovakia, 1939; age 66, died 1980. Dr. Lota had been assistant professor of clinical physical medicine and rehabilitation at the University of Pennsylvania.

• **Philip J. Morgan**, Tunkhannock; Jefferson Medical College, 1928; age 78, died January 13, 1981. He was a former chief of surgery at Tyler Memorial and Wilkes-Barre General hospitals.

• **James R. Myers**, Everett; University of Pennsylvania School of Medicine, 1938; age 70, died January 9, 1981. Dr. Myers had been a general practitioner in Everett since 1939. He was affiliated with Memorial Hospital of Bedford County.

• **Axel Kristinius Olsen**, Bryn Mawr; Northwestern University School of Medicine, 1935; age 72, died January 27, 1981. Dr. Olsen had been professor of surgery and chief of neurosurgery at Hahnemann Medical College & Hospital for 30 years. He was a past president of the Mid-Atlantic Neurosurgical Society and the Philadelphia Neurological Society.

• **Jose A. Pelucio**, North Huntingdon; Escola de Medicina e Cirurgia Do Rio de Janeiro, Brazil, 1954; age 52, died January 18, 1981. Dr. Pelucio was assistant director of the emergency department at the Jeannette District Memorial Hospital.

• **Paul L. Shallenberger**, Waverly, New York; University of Illinois College of Medicine, 1933; age 73, died January 15, 1981. Dr. Shallenberger was a past president of the Bradford County Medical Society, of the staff of Robert Packer Hospital, and of the American Society for Gastrointestinal Endoscopy.

• **Alexander Solosko**, Meyersdale; Tufts University School of Medicine, Boston, 1932; age 74, died December 22, 1980. Dr. Solosko was a member of the board of directors and a former chief staff at Meyersdale Community Hospital.

• **Oliver Henry Swartz**, Newport; Medico-Chi, Philadelphia, 1916; age 88, died January 7, 1981. Dr. Swartz had been named general practitioner of the year by Dauphin County Medical Society in 1959. He had practiced in Middletown.

• **Edward Wentz Stick**, York; Johns Hopkins University School of Medicine, 1909; age 96, died January 6, 1981. Dr. Stick had been a general practitioner in Hanover for more than 50 years. He was former dean of York County Medical Society.

Guillermo Angulo, Bryn Mawr; University of Strasbourg, Austria; age 85, died January 4, 1981. Dr. Angulo, a pediatrician, had been a pharmaceutical-firm consultant for more than 25 years.

Alfred S. Bogucki, Philadelphia; Hahnemann Medical College & Hospital, 1942; age 66, died December 27, 1980. Dr. Bogucki was former head of the epidemiology division for the Philadelphia Health Department.

David L. Drabkin, Philadelphia; Cornell University School of Medicine, 1924; age 81, died December 31, 1980. Dr. Drabkin, biochemist, was the first to crystallize hemoglobin. He was former chairman of physiological chemistry at the University of Pennsylvania Graduate School of Medicine.

Walter D. Gemmill, Pittsburgh; Medico-Chi, Philadelphia, 1911; age 90, died January 16, 1981. Dr. Gemmill was one of the owners and operators of the former Gemmill Hospital, an eye, ear, and nose hospital in Monessen.

Harold H. Hirshland, Palos Verdes, California; Jefferson Medical College, 1919; died January 14, 1981. Dr. Hirshland had practiced medicine in Reading for 20 years.

Clyde B. Lamp, Monongahela; University of Pittsburgh School of Medicine; age 93, died December 25, 1980. Dr. Lamp was a former mayor of Monongahela and president of its Board of Health.

John F. Loehle, Lebanon; University of Pennsylvania School of Medicine, 1928; age 80, died January 25, 1981. Dr. Loehle recently had been honored by the city of Lebanon for his service as its health officer for the past 25 years.

William S. McEllroy, State College; University of Pittsburgh School of Medicine, 1916; age 87, died January 2, 1981. Dr. McEllroy was dean emeritus of the University of Pittsburgh's School of Medicine. He was the first recipient of the Philip S. Hench Distinguished Alumnus Award.

Robert N. Swartley, Colusa, California; Jefferson Medical College, 1947; age 58, died December 22, 1980. Dr. Swartley was former senior surgeon at Chestnut Hill Hospital.

Daniel A. Wilson, Jr., Yeadon; Meharry Medical College, Nashville; age 77, died January 15, 1981. Dr. Wilson had been a general practitioner in South Philadelphia for 47 years.

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DESCRIPTION: Methyltestosterone is 17 β -Hydroxy-17-Methylandroster-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **INDICATIONS:** In the male: 1. Eunuchoidism and eunichism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgenic deficiency. 4. Post-puberal cryptorchidism with evidence of hypogonadism. Cholestatic hepatitis with jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged dosage of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal disease. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and eunichism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

When Impotence is due to androgenic deficiency.

 **Android**[®] / 5^{Buccal} / 10^{Oral} / 25^{Oral}
mg. mg. mg.

Methyltestosterone U.S.P. Tablets

A well absorbed oral androgen.

Additional indications: Replacement therapy. When androgen deficiency is the cause of: male climacteric/eunuchoidism, eunuchism/post-puberal cryptorchidism.



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Pennsylvania Medicine

Vol. 84, No. 4

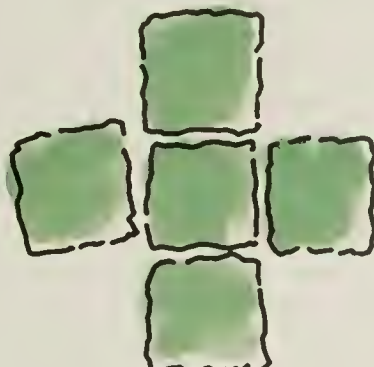
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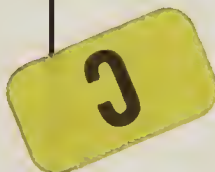
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6



Is the doctor shortage over?



In acute
exacerbations*
of chronic

BRONCHITIS

IN ADULTS

*due to susceptible *H. influenzae* or *S. pneumoniae*

91%
overall success
rate 7 days
posttherapy
in controlled
multicenter
studies
involving
S. influenzae &
S. pneumoniae[†]



85%
Causative organism
eliminated at end of
14-day treatment
(51 of 60 patients)

91%
Causative organism
eliminated at 7-day
follow-up
(50 of 55 patients;
5 patients did not
return for follow-up)



- ☐ Low incidence of diarrhea and bronchial superinfection.
- ☐ Gastrointestinal and dermatological reactions were the most frequent side effects in the study.
- ☐ May be used in patients allergic to penicillins and cephalosporins.
- ☐ Convenient b.i.d. dosage encourages compliance.
- ☐ During therapy, maintain adequate fluid intake. Use cautiously in patients with impaired renal or hepatic function, severe allergy or bronchial asthma.

Bactrim is indicated in acute exacerbations of chronic bronchitis in adults when in the physician's judgment it offers an advantage over a single antimicrobial agent.

[†]Data on file, Hoffmann-La Roche Inc.,
Nutley, New Jersey 07110

BACTRIM DS

Each tablet contains 160 mg trimethoprim and 800 mg sulfamethoxazole.

Please see next page for summary of product information.

BACTRIMTM

(trimethoprim and sulfamethoxazole)

ROCHE

A MAJOR ANTIMICROBIAL WITH MULTI-SYSTEM USEFULNESS

The clinical usefulness of Bactrim continues to grow. Now Bactrim is useful for all of the following infections when due to susceptible strains of indicated organisms (see indications section in summary of product information):



UPPER RESPIRATORY

acute otitis media in children



LOWER RESPIRATORY

acute exacerbations of chronic bronchitis in adults —documented *Pneumocystis carinii* pneumonitis



GENITO- URINARY

recurrent urinary tract infections



GASTRO- INTESTINAL

shigellosis

Before prescribing, please consult complete product information summary of which follows:

Indications and Usage: For the treatment of urinary tract infections due to susceptible strains of the following organisms: *Escherichia coli*, *Klebsiella-Enterobacter*, *Proteus mirabilis*, *Proteus vulgaris*, *Providencia*, *Shigella flexneri*, *Shigella sonnei*. It is recommended that initial episodes of uncomplicated urinary tract infections be treated with a single effective antibacterial rather than the combination. *Note:* The increasing frequency of resistant organisms limits the usefulness of all antibacterials, especially in these tract infections.

For acute otitis media in children due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over other antimicrobial agents. Clinical information presently available on effectiveness of treatment of otitis media with Bactrim when infection is due to ampicillin-resistant *Haemophilus influenzae*. To date, there are limited data on the repeated use of Bactrim in children under two years of age. Bactrim is not indicated for prophylactic or prolonged administration in children at any age.

For acute exacerbations of chronic bronchitis in adults due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over a suitable antimicrobial agent.

For enteritis due to susceptible strains of *Shigella flexneri* and *Shigella sonnei* when antibacterial therapy is indicated.

Also for the treatment of documented *Pneumocystis carinii* pneumonia. To date, this drug has been tested only in patients 9 months to 18 years of age who were immunosuppressed by cancer therapy.

Contraindications: Hypersensitivity to trimethoprim or sulfonamides; nursing mothers; infants less than two months of age.

Warnings: BACTRIM SHOULD NOT BE USED TO TREAT STREPTOCOCCAL TONSILLITIS. Clinical studies show that patients with group A β -hemolytic streptococcal tonsillitis have higher incidence of bacteriologic failure when treated with Bactrim than do those treated with penicillin. Deaths from hypersensitivity reactions, agranulocytosis, aplastic anemia and other blood dyscrasias have been associated with sulfonamides. Experience with trimethoprim is more limited but occasional interference with hematopoiesis has been reported. An increased incidence of thrombocytopenia with purpura in elderly patients receiving diuretics, primarily thiazides. Sore throat, fever, pallor, purpura or jaundice are early signs of serious blood disorders. Frequent CBC's are recommended. Therapy should be discontinued if a significantly reduced count of any blood element is noted.

Precautions: Use cautiously in patients with impaired renal function, possible folate deficiency, severe allergy or bronchitis. Patients with glucose-6-phosphate dehydrogenase deficiency, frequently dose-related, may occur. During therapy, maintain fluid intake and perform frequent urinalyses, with careful microscopic examination, and renal function tests, particularly where there is impaired renal function. Bactrim may prolong prothrombin time in patients receiving warfarin; reassess coagulation time when administering to these patients.

Adverse Reactions: All major reactions to sulfonamides and trimethoprim are included, even if not reported with Bactrim. *Blood dyscrasias:* Agranulocytosis, aplastic anemia, megaloblastic anemia, thrombocytopenia, hemolytic anemia, purpura, hypoprothrombinemia, methemoglobinemia. *Allergic reactions:* Erythema multiforme, exfoliative dermatitis, serum sickness, pruritus, exfoliative dermatitis, anaphylactic reactions, periorbital edema, conjunctival and scleral injection, sensitization, arthralgia and allergic myocarditis. *Gastrointestinal reactions:* stomatitis, nausea, emesis, abdominal pains, hepatitis, diarrhea and pancreatitis. *CNS reactions:* Headache, peripheral neuritis, mental depression, convulsions, ataxia, hallucinations, tinnitus, vertigo, insomnia, apathy, fatigue, muscle and nervousness. *Miscellaneous reactions:* Drug fever, chills, toxic nephropathy and anuria, periarteritis nodosa and L.E. phenomenon. Due to chemical similarities to some goitrogens, diuretics (acetazolamide, thiazides), oral hypoglycemic agents, sulfonamides have caused rare instances of goiter, diuresis and hypoglycemia in patients; cross-sensitivity with these agents exist. In rats, long-term therapy with sulfonamides has produced thyroid adenomas.

Dosage: Not recommended for infants less than two months of age. **URINARY TRACT INFECTIONS AND SHIGELLOSIS IN ADULTS AND CHILDREN:** **ACUTE OTITIS MEDIA IN CHILDREN:**

Adults: Usual adult dosage for urinary tract infections — 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 10-14 days. Identical daily dosage for 5 days for shigellosis.

Children: Recommended dosage for children with urinary tract infections — 8 mg/kg trimethoprim and 40 mg/kg sulfamethoxazole per day in two divided doses for 10 days. Use identical daily dosage for 5 days for shigellosis.

For patients with renal impairment: Use recommended dosage regimen when creatinine clearance is above 30 ml/min. If creatinine clearance is between 10-30 ml/min, use one-half the usual regimen. Bactrim is not recommended if creatinine clearance is below 10 ml/min.

ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS IN ADULTS: Usual adult dosage: 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 14 days.

PNEUMOCYSTIS CARINII PNEUMONITIS: Recommended dosage: 20 mg/kg trimethoprim and 100 mg/kg sulfamethoxazole in equal doses every 6 hours for 14 days. See complete product information for suggested children's dosage table.

Supplied: Double Strength (DS) tablets, each containing 160 mg trimethoprim and 800 mg sulfamethoxazole, bottles of 100; Tel-E-Dose[®] packages of 100; Pre-Paks of 20 and 28. Tablets, each containing 80 mg trimethoprim and 400 mg sulfamethoxazole — bottles of 100 and 500; Tel-E-Dose[®] packages of 100; Pre-Paks of 40. Pediatric Suspension, containing in each teaspoonful (5 ml) the equivalent of 40 mg trimethoprim and 200 mg sulfamethoxazole; cherry flavored — bottles of 16 oz (1 pint). Suspension, containing in each teaspoonful (5 ml) the equivalent of 40 mg trimethoprim and 200 mg sulfamethoxazole, fruit-licorice flavored — bottles of 16 oz (1 pint).



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SET UP SCREENING PANELS
PMS TELLS 1006 COMMITTEE

Meeting with the Act 111 oversight committee (1006 Committee) March 17, PMS representatives urged the committee to endorse amending the state's malpractice reform law to establish a tribunal system to screen cases. The Society recommended a plan which has had five years of successful experience in Massachusetts. It would replace Act 111's mandatory arbitration system which was declared unconstitutional by the Pennsylvania Supreme Court in September 1980. The Massachusetts tribunal system initially screens out nearly 50 percent of malpractice cases filed as having no merit. It is administered by the courts. Each panel is composed of a judge, an attorney, and a physician and must meet within 80 days of the plaintiff's filing. Normally no witnesses appear but affidavits, medical records, and oral arguments from both attorneys are presented. If the panel finds for the defendant, the plaintiff still may pursue the case in court, but only after posting bond of \$2,000 within 30 days after receiving the tribunal's decision. Further details can be found in the March 11 letter to all members from PMS President Leroy A. Gehris, MD.

PMS INSURANCE COMPANY
IN PERMANENT LOCATION

The Pennsylvania Medical Society Liability Insurance Company (PMSLIC) moved to its permanent home in the nearly completed PMS Headquarters expansion March 6. The insurance company occupies the second and third floors of the wing. PMSLIC's new address is P.O. Box 303, 20-A Erford Road, Lemoyne, PA 17043. The new telephone number is (717) 763-4750.

MEDICAL STAFF BYLAWS
CHECKLIST DISTRIBUTED

The Society's Council on Health Planning and Facilities began distribution April 1 of its "Checklist for Medical Staff Bylaws." Intended to assist medical staffs to uncover omissions or weaknesses in their bylaws, the checklist is a summary of the experience of the Council in dealing with medical staff problems. The PMS Board of Trustees approved the checklist at its last meeting.

HEALTH DEPARTMENT DECRIES
NONCOMPLIANCE ON RxBLANKS

The Pennsylvania Department of Health has cited 104 providers for failure to bring prescription blanks into compliance with the 1976 generic drug law. The law requires prescription blanks to have two signature lines arranged thus:

/	
do not substitute	substitution permissible

The department claims some providers also are failing to comply with a 1980 law requiring that the prescriber's name be printed on the prescription blank. Hand printing and imprinting with a rubber stamp are permitted. The law was passed to assure legibility for pharmacists who may need to contact the prescriber. This most frequently is a problem at clinics or hospitals where a number of practitioners use a common prescription pad.

FOUNDATION HEAD SPEAKS
AT GOVERNOR'S HMO MEET

Bernard B. Zamostien, MD, president of the Pennsylvania Medical Care Foundation, will speak at the second "Governor's Conference on Health Maintenance Organizations" April 13-14 in Hershey. He will explain the impact of the Commonwealth's new HMO Act and the Society's position supporting a pluralistic health care delivery system. The PMS Board declined an invitation to be a cosponsor of the conference which exclusively promotes one method of health care delivery and financing.

DEPARTMENT REDESIGNS
ANATOMICAL DONOR CARD

New Uniform Anatomical Donor Cards are now available in quantity either from the Pennsylvania Department of Health, P.O. Box 90, Harrisburg, PA 17120, or from PMS. The new card fits the case of the new photo identification driver's license. The Society assisted the department in redesigning the card.

NEW GONORRHEA FOUND
IN MIDSTATE COUNTIES

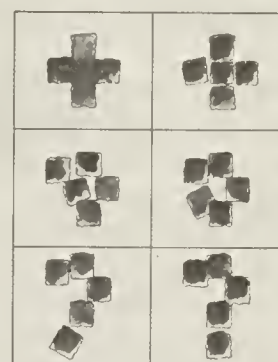
The health department has alerted physicians in Union, Snyder, and Lycoming counties that a strain of penicillin resistant gonorrhea has been diagnosed in four central Pennsylvania residents. The department also has sent a description of the strain to all laboratories and medical societies in the state. The so-called "super gonorrhea," known as PPNG, has increased nationwide by 125 percent over 1979. The health department recommends: laboratory tests for all persons with suspected gonorrhea; treatment with spectinomycin for all persons with the PPNG strain, their sexual partners, or those with recent sexual contacts in the far east; once a week test-of-cure cultures on all treated patients; and penicillin sensitivity tests on all patients whose test-of-cure cultures are positive. The health department laboratory at Lionville is accepting cultures of suspected PPNG organisms, said Robert Gens, MD, director of the division of acute infectious disease control.

PHYSICIANS PROTECTED
WHEN DIRECTING EMTs

Physicians are not liable for damages when they supervise emergency personnel according to Act 236 of 1980. The amendment to the Emergency Medical Technician Act, adopted late in the last legislative session, says: "No physician, who in good faith gives instructions to an emergency medical technician or an emergency medical technician-paramedic, shall be liable for any civil damages as a result of issuing the instructions, unless guilty of gross or willful negligence." The new act also allows EMTs to perform a greater number of procedures, after special training and under certain conditions. These include: use of pressure devices to reduce peripheral blood flow; insertion of airway devices; administration of parenteral medications, gastric and pharyngeal suction, endotracheal intubation, defibrillation; and application of medical antishock trousers (MAST).

Pennsylvania Medicine

**Pennsylvania
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editorial

Answering the call to action in PMS medicaid plan

In February of this year, PENNSYLVANIA MEDICINE drew attention, editorially, to the inequities, malfunctions, and injustices created by the medicaid system. As suspected, the Reagan administration's proposed economic recovery plan included funding cutbacks in health programs, specifically, a cap in federal medicaid spending. The White House position indicates that a hoped-for health care cost reduction can be achieved through increased competition and limited federal spending.

Financial woes caused by many economic factors, not the least of which is inflation, and general dissatisfaction among the citizenry over rising tax burdens have engendered a crisis in medicaid. The Medical Assistance budget for Pennsylvania for 1980-81 is \$1.3 billion. The federal donation is \$619 million, or about 55 percent. Federal contributions to medicaid were intended to match funds already provided by state and local governments provided that certain requirements were met.

About 1.1 million persons in Pennsylvania are eligible for medicaid services but it is estimated "that only 45 percent of Pennsylvania physicians participate in the medical assistance program because of extremely low fees . . ."

Matthew Marshall, Jr., MD, immediate past president of PMS, testified to this before the Pennsylvania Senate Appropriations Committee on March 5, 1980. Speaking as the Society's president, Dr. Marshall further testified, "(T)he medical assistance patient must use the more expensive hospital emergency room and outpatient clinic services." It is estimated that 70 to 75 percent of medicaid dollars go for institutional care, a fact that graphically depicts the distortion in the mode of health care for medical assistance patients.

Reducing the costs of the medicaid program while delivering quality medical care can be accomplished only through a change in incentives. Medical care in the physician's office must be substituted for expensive emergency room visits and even more expensive hospitalizations. Home health care programs must replace nursing home admissions in many cases. Good personal hygiene and health promotion programs must be made appealing, ever glamorous.

Physicians will cooperate if the paperwork is reduced and the fees raised to sensible levels. The medicaid program and the Bureau of Medical Assistance must be streamlined. If necessary, the program should be removed from government control.

The 1980 PMS House of Delegates adopted several resolutions concerning medical assistance and ordered that a "Medicaid Plan of Action" be published in PENNSYLVANIA MEDICINE. That plan appears on page 34 of this issue. The highlights include a three part legislative effort, a review of the Bureau of Medical Assistance by the Executive Branch independent of any legislative study, and a public relations project.

The plan appears to be a soundly organized one. But for it to succeed, all Society members must join in. Please be sure to familiarize yourself with the plan and be prepared to answer a call for action. Our commitment is to quality medical care for all Pennsylvanians. Together we can achieve this.

David A. Smith, MD
Medical Editor

Infections in Surgery

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William C. Beck, MD, FACS and his 50 Years in Medicine

June 4, 1981

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Major support for this symposium provided by Schering-Plough Foundation and the U.S. Pharmaceutical Products Division of Schering Plough Corporation.

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newsfronts

PMS insurance company holds rates for 1981

Malpractice insurance premiums will remain at their current level through 1981 for policyholders of the Pennsylvania Medical Society Liability Insurance Company (PMSLIC). The PMSLIC board took action to hold the rates following a detailed actuarial study that spanned eight months, David S. Masland, MD, board chairman, said.

Now in its fourth year of operation, the company continues to offer rates below those charged by the Argonaut Insurance Company at the time it left Pennsylvania at the end of 1977.

"The longer we're in business," Dr. Masland said, "the more we can depend on our own experience and thus free ourselves from having to rely on the experience of other companies in Pennsylvania and on nationwide data." Dr. Masland believes a company must be in business a minimum of five years to be fully reliant on its

own data, as well as to be able to judge the value of its risk management efforts.

"We feel a strong obligation," he said, "to the physicians of Pennsylvania in our efforts to keep our rates as low as is prudently possible. We have had only one rate increase—a modest 7 percent in 1979. And in 1980, we reduced rates \$1.3 million by eliminating various longstanding surcharges that

we found were not equitable. This is in contradistinction to our primary competition, which received a 35 percent premium increase in 1980 alone."

As a subsidiary company of the Pennsylvania Medical Society PMSLIC is the only Pennsylvania company writing only professional liability insurance for physicians and surgeons. Only PMS members are eligible for coverage.

Subcommittee appointed to study long-term care

Nursing home care, home health care, and hospice care are the three areas in which the Society's new Subcommittee on Long-Term Care will function as a resource center.

The subcommittee will monitor developments in these areas and also comment on relevant regulations and pending bills. The responses of medi-

cal directors of nursing homes to a questionnaire from the subcommittee have helped to shape its role and the services it will provide.

Subcommittee members appointed by the Council on Health Planning & Facilities are: Bernard B. Zamostien MD, chairman; John J. Maron, MD; Robert D. Snyder, MD, and Morton Ward, MD.

Preliminary Call to the 1981 Annual Meeting House of Delegates

The House of Delegates of the Pennsylvania Medical Society will convene its annual meeting at the Hilton Hotel, Pittsburgh, Pennsylvania, on Friday, November 6, 1981. The second session will convene Saturday, November 7, 1981, and the third session Sunday, November 8, 1981. Details regarding the starting times of all three sessions will appear in the Official Call in the September 1981 issue of PENNSYLVANIA MEDICINE.

All proposed amendments to the Bylaws must be submitted to the Office of the Secretary of this Society on or before July 6, 1981. Such amendments may be proposed upon the written petition of 15 Active or Associate members of the Society, or by the Committee on Bylaws. Resolutions to be considered by the House may be submitted in writing to the Secretary by a delegate acting in his own behalf or for the component medical society or specialty society he represents. If received prior to October 6, 1981, resolutions will be published in the *Official Reports Book*.

G. Winfield Yarnall, MD
Secretary

AMA offers video clinics

The American Medical Association now has available 15 video clinics, a selection of approved courses in the form of color films, self-assessment tests, and illustrated study guides.

AMA Video Clinics are two to six hour courses which contain a complete analysis of physiology, etiology, diagnosis, treatment, and prognosis in a disease area. On an hour-for-hour basis, they meet all the requirements for category 1 credit.

Topics include backache, vulvovaginal problems, practical rheumatology, comatose patient, multiply traumatized patient, neurological examination, dizziness, headache, neck pain, hypertension, acute gastrointestinal bleeding, antibiotic therapy in office practice, depressed patient, bronchial asthma, and alcoholism.

For information on renting or buying AMA Video Clinics, contact the Department of Marketing Communications, American Medical Association, 535 North Dearborn Street, Chicago, IL 60610; (312) 751-5951.

PMS honors Rush award winners at Officers' Conference

Emergency medical instruction for adults and mental health for children are the achievements of this year's winners of the State Society's Benjamin Rush Awards. The awards will be presented at Officers' Conference, April 22-23, at the Penn Harris Motor Inn, Camp Hill.

Mrs. Hopkin Rowlands, Jr., of Luzerne County, will receive the state individual Benjamin Rush Award and the Phoebe P. Pleasantre Traveling Show and Workshop from Washington County will receive the organization award. William A. Shaver, MD, chairman of the Council on Member Services, will make the presentations at the dinner on Wednesday evening.

At the opening session of the conference, PMS leaders and invited guests will hear a report on malpractice by medical specialty from Judith Brown, RN, JD, director of risk management and loss prevention at the PMS Liability Insurance Company.

Other highlights of the first day include reports from Leroy A. Gehris, MD, Society president, John W. Burnside, MD, former Robert Wood Johnson fellow in Washington, DC, and Leo M. Henikoff, MD, dean of Temple University School of Medicine.

Wednesday's dinner will feature the presentation of the Benjamin Rush Awards and the Environmental Award. Dan Ruskin, actor, musician, and comedy writer, will provide the entertainment.

Thursday's activities include a prayer breakfast hosted by the PMS Commission on Medicine, Religion, and Bioethics, and the Donaldson Memorial Lecture. Gordon K. MacLeod, MD, professor and chairman of the health services administration department at the University of Pittsburgh School of Public Health, will discuss medical ethics at the breakfast.

James R. Kimmey, MD, executive director of the Institute for Health Planning, a private consulting organization in Madison, Wisconsin, will speak on competition in health care for

the Donaldson lecture.

Chairman of the PMS Advisory Committee on Membership Recruitment, Brenda Baumann, MD, will examine the problems in recruiting new members.

AMA President Robert B. Hunter, MD, will deliver a special address concerning the national issues facing or-

ganized medicine.

An optional negotiating seminar will be offered after the conference on Thursday afternoon. The seminar, cosponsored by the AMA and PMS, will be conducted by J. Page Clousson, director of the AMA's negotiations department. Separate registration is required.

AMA plans May seminar for medical staff leaders

The American Medical Association will sponsor a hospital medical staff leadership seminar at the Hyatt Regency Washington Hotel, Washington, DC, on May 8-9, 1981.

The seminar will explore the functions, duties, and responsibilities of a medical staff and will provide the fundamental information that physicians need to work and lead successfully in

the hospital environment.

Topics will include organizing the medical staff, the physician as a medical staff leader, the art of negotiation, and quality assurance.

For further information write: Department of Hospitals & Health Facilities, American Medical Association, 535 N. Dearborn St., Chicago, IL 60610 or call (312) 751-6656.

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New immunization recall system available

Several state groups recently joined in a cooperative effort and developed an immunization recall system whose goal is to ensure complete immunization for at least 90 percent of the children who start immunization in infancy.

From January through July 1980, Pennsylvania accounted for almost 10 percent of the nation's measles cases, despite the fact that almost 98 percent of children entering school had received at least one dose of a vaccine. The problem thus is not with the initial dose, but with recalling the children to complete their immunizations. Nationwide surveys showed that less than 40 percent of the children had completed their immunizations.

The Toddler Recall Immunization Program is a system which requires a physician to keep a record of each immunization visit for each patient. Record cards and reminder post cards are integral parts of the new program which was developed by Pennsylvania Medical Society, Pennsylvania Academy of Family Physicians, Pennsylvania Chapter, American Academy

of Pediatrics, Pennsylvania Blue Shield, and Pennsylvania Department of Health.

To obtain a brochure and an order form for the necessary cards, write:

Immunization Program, Pennsylvania Department of Health, P.O. Box 90, Harrisburg, PA 17120 or Public Relations Department, Pennsylvania Blue Shield, Camp Hill, PA 17011.

DPW plans close of state general hospital

The Department of Public Welfare has set May 1, 1981 as the target date for closing the Locust Mountain State General Hospital in Shenandoah, Schuylkill County.

The department says the facility is outdated, too costly to operate efficiently, and that medical services can

better be provided at other newer nearby state general hospitals.

Secretary of Public Welfare Heler O'Bannon said the department will establish an emergency center in Shenandoah as a satellite of Ashland State General Hospital to ensure that emergency health care services will continue to be available.

Secretary O'Bannon said, "Locust Mountain is an outmoded facility which is simply too small to provide the wide array of specialized medical services necessary to meet modern standards for acute hospital care. Moreover, this decision is consistent with Governor Thornburgh's commitment to eliminating inefficient and duplicative government services wherever possible."

In reaching the decision to close the hospital, the department considered a study by the Health Systems Agency of Northeastern Pennsylvania. This study concluded that "any move to replace Locust Mountain is probably not indicated," based on findings of a surplus of acute hospital beds in northern Schuylkill County.

Court upholds sentence of Columbia County MD

Pennsylvania Superior Court recently upheld a 1-to-3 year jail term imposed on Columbia County physician, James F. Youngkin, MD. Dr. Youngkin had been convicted of involuntary manslaughter for overprescribing drugs to a teen-age girl.

Dr. Youngkin's patient had taken a large quantity of Tylenol the day before she died. Although the cause of death was ruled to be asphyxiation, the court ruled that "a defendant's acts need not be the direct cause of death for criminal responsibility to be imposed."

After Dr. Youngkin was convicted in Columbia County Court, he was sentenced to prison and fined \$5,000.

AAFP holds new workshop for single physicians

A workshop designed especially for single physicians will be presented by the Committee on Mental Health of the American Academy of Family Physicians on May 1-3, 1981 at the Bellevue Stratford Hotel, Philadelphia.

The workshop is entitled "Physicians coping alone: the special needs of the divorced, separated, widowed, or never-married person."

Topics on this program include: a profile of a pressured physician; coping with loneliness, divorce, loss and grief; substance abuse; the single medical parent; and incorporating relaxation techniques in your practice.

The program is acceptable for 12 prescribed hours by the AAFP and 12 credit hours in Category 1 of the AMA. Registration fees are \$175 for physicians, \$90 for students, interns, and residents.

For further information contact Pam Bratton, American Academy of Family Physicians, 1740 West 92nd Street, Kansas City, MO 64114.

Metropolitan Life moves claims office to Johnstown

Metropolitan Life Insurance Company has moved the Group Health Claims Office from Pittsburgh to Johnstown, Pennsylvania. This office processes all medical claims for service to eligible coal miner beneficiaries of Bethlehem Mines and the Beth-Elkhorn Division of Bethlehem Steel.

Effective immediately, such medical claims should be mailed directly to this new address: Metropolitan Life Insurance Company, Group Health Claims Office, Mideastern Head Office, 502 Schoolhouse Road, Johnstown, PA 15904.

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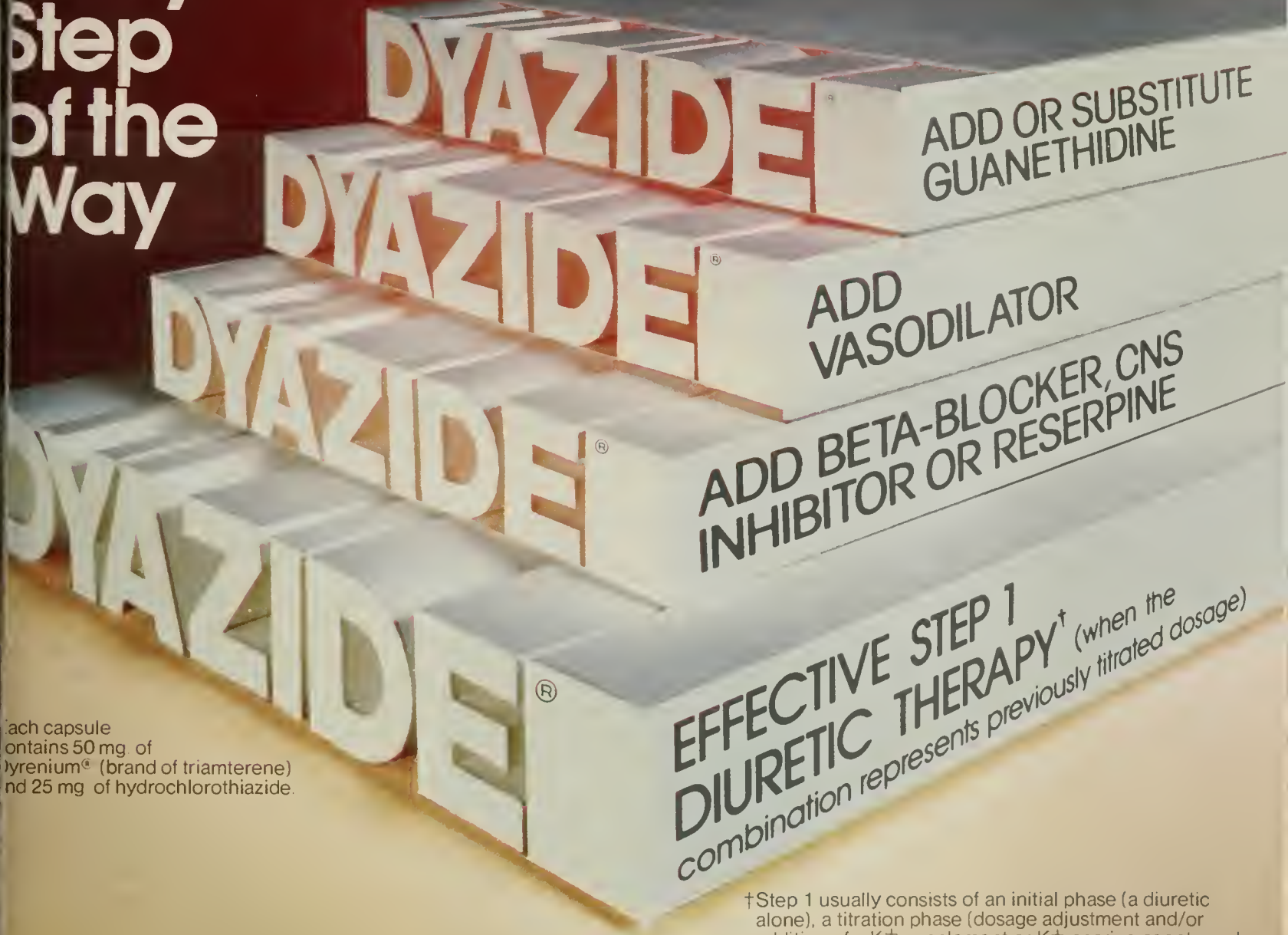
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Before prescribing, see complete prescribing information in SK&F Co. literature or PDR. A brief summary follows:

WARNING

This drug is not indicated for initial therapy of edema or hypertension. Edema or hypertension requires therapy titrated to the individual. If this combination represents the dosage so determined, its use may be more convenient in patient management. Treatment of hypertension and edema is not static, but must be reevaluated as conditions in each patient warrant.

Contraindications: Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. Associated widened QRS complex or arrhythmia requires prompt additional therapy. Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, throm-

bocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Watch for signs of impending coma in severe liver disease. If spironolactone is used concomitantly, determine serum K⁺ frequently, both can cause K⁺ retention and elevated serum K⁺. Two deaths have been reported with such concomitant therapy (in one, recommended dosage was exceeded in the other serum electrolytes were not properly monitored). Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic anemia have been reported with thiazides. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Anti-hypertensive effect may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with

possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia, although uncommon, has been reported. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and Dyazide should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. Dyazide should be withdrawn before conducting tests for parathyroid function.

Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions, nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances. Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and, rarely, allergic pneumonitis have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components.

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PaMPAC board elects 1981 officers

The PaMPAC Board of Directors elected officers for 1981 at its reorganization meeting February 25 at Society headquarters. These new officers are: Norman Goldstein, MD, chairman; William D. Lamberton, MD, vice chairman; W. Minster Kunkel, MD, treasurer; Mrs. John H. Eves, secre-

tary; Mrs. Harry E. Serene, assistant secretary; and H. Keith Fischer, MD, executive committee-at-large.

Also elected were five board

members-at-large: Robert H. Bradley, Jr., MD; Alan L. Dorian, MD; Patrick H. Hughes, MD; John W. Lawrence, MD; and Charles D. Saunders, MD.

Internists' magazine features competition

Regulation is out and competition is in as far as health care is concerned, said William C. Felch, MD, editor of *The Internist* in its Dec. 1980-Jan. 1981 issue.

The magazine, published by the American Society of Internal Medicine, features "Competition comes of age" in its special issue. According to Dr. Felch, competition is "the message of the recent election." The special issue of *The Internist* presents a forum of ideas on this subject.

Among the participants are Duke University Professor Clark C. Havinghurst, former FTC consultant and author of health care regulation; Walter McClure of InterStudy, a non-profit organization that analyzes health policy; and Emanuel Abraham, MD, chairman of the society's Medical Practice Activities Committee and a member of its board of trustees.

For a copy of the Dec. 1980-Jan. 1981 "Competition comes of age" issue, write *The Internist*, American Society of Internal Medicine, 2550 M St., NW, Washington, D.C. 20037.

Safety posters win awards

The Pennsylvania Chapter of the American Academy of Pediatrics recently awarded three prizes in its statewide Accident and Poison Prevention Poster Contest.

The slogan of the winning entry was "Teach the children how to live."

Thousands of children are fatally injured or maimed for life each year in their homes. Most of these accidental injuries can be prevented by an alert adult.

The poster contest was an effort by the Pennsylvania Chapter of the Academy to educate students about safety. Twenty-one high schools participated.

PAOO holds annual meeting in Bedford

The Pennsylvania Academy of Ophthalmology and Otolaryngology will hold its 37th annual meeting at the Bedford Springs Hotel, May 20-23.

Highlights of the program include practice management studies, scientific sessions, instruction courses, symposiums, residents' presentations, and surgical films.

Jerome Dersh, MD, Reading ophthalmologist and Academy president, will preside. Donald B. Kamerer, MD, Pittsburgh otolaryngologist, will be installed as 1981-82 president.

Guest of honor and special lecturer will be Irving H. Leopold, MD, DSc, professor and chairman of the ophthalmology department at the University of California, Irvine, College of Medicine. Dr. Leopold will discuss anti-inflammatory drugs in ocular disease. Leroy A. Gehris, MD, PMS president, will be the honored guest.

Physicians who attend the program will qualify for 15 credit hours in the AMA's Category 1.

Scientific sessions of the ophthalmology program will include anterior segment updates and retinal updates. Otolaryngology scientific sessions will focus on management of head and neck pain of ear, nose, and throat origin, and rhinoplasty and office cosmetic surgery.

A two-day basic course in allergy and immunology will precede the regular spring meeting. Registration will be Monday, May 18; classes will be May 19 and 20.

The faculty will cover major allergy subjects including, "How to Fit Allergy into a Busy ENT Practice," "Organization of the Immune System," "Goals of Clinical Immunology," "Radiology in Allergy," "Pearls in ENT Allergy," "Insect Allergy," and "Systemic Diseases Related to Allergy and Hypersensitivity."



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Medical board lists lost license reporting procedures

The State Board of Medical Education and Licensure reports that physicians who notify the board of the theft of their medical license also must notify the following agencies:

- local police department;
- local credit bureau;
- Drug Enforcement Administration, U.S. Department of Justice, P.O. Box 28083, Central Station, Washington, D.C. 20005;
- Pennsylvania Blue Shield, Camp Hill, PA 17011;
- Medicare, Box 65, Camp Hill, PA 17011, Attn: C. Magaro;
- Department of Justice, Bureau of Drug Control, Building 208, Harrisburg International Airport, Middle-

Proposed act requires child safety restraints

An act requiring seat restraints for children has been introduced in the Pennsylvania Senate. State Senator George Gekas in cooperation with the Pennsylvania Chapter of the American Academy of Pediatrics last month introduced the Child Passenger Protection Act.

The act would require the driver of any motor vehicle, excluding common carriers, who transports a child under 40 pounds, to have the child fastened securely in a child passenger restraint system. A driver who does not comply could be found guilty of reckless endangerment and could be fined \$50.

The Inter-Agency Task Force on Highway Safety for Children recommended the act. The task force, created by Governor Thornburgh in 1979, was one of the Commonwealth's activities during the International Year of the Child. Mark D. Widome, MD, chairman of the Poison and Accident Committee of the Pennsylvania Chapter of the AAP and assistant professor of pediatrics at Hershey Medical Center, co-chaired the task force.

In its final report, the task force cited motor vehicle crashes as the number one killer of children, especially infants. The task force found that less than one in five children in the Commonwealth are provided any form of protection by a responsible adult driver.

town, PA 17057, Attn: Compliance Diversion Coordinators;

- Federation of State Medical Boards, 2626-B West Freeway, Suite 200, Fort Worth, TX 76102; and
- Medicaid, Department of Public Welfare, Bureau of Provider Rela-

tions, 5101 Jonestown Rd., Harrisburg, PA 17105.

Physicians who have further difficulties may contact Loretta M. Frank, secretary of the state board, P.O. Box 2649, Harrisburg, PA 17120 or telephone (717) 787-2381.

Mental health task force holds first meeting

The PMS Task Force on Mental Health held its first meeting on March 13, 1981. The task force is charged by the Board of Trustees to develop a plan of action addressing the five resolutions submitted on behalf of the specialty of psychiatry dealing with proposed improvements in the mental health system.

Members of the task force are Carol N. Maurer, MD, chairman and Board

representative; Donald H. Smith, MD, Council on Medical Economics representative; Timothy J. Michals, MD, Council on Legislation representative; Edward C. Leonard, Jr., MD, Pennsylvania Psychiatric Society interspecialty committee member; and Stanley P. Laucks, MD, president of the Pennsylvania Psychiatric Society.

The task force will meet again on May 29.

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In essence, the program provides that all physicians insured with Pennsylvania Casualty Company will financially share in the results of good loss experience through a retrospective credit which is calculated on each policy year beginning in 1981 and paid over four annual installments, beginning two years after the policy year. Your return may be credited against future premiums or paid in cash, at your option.

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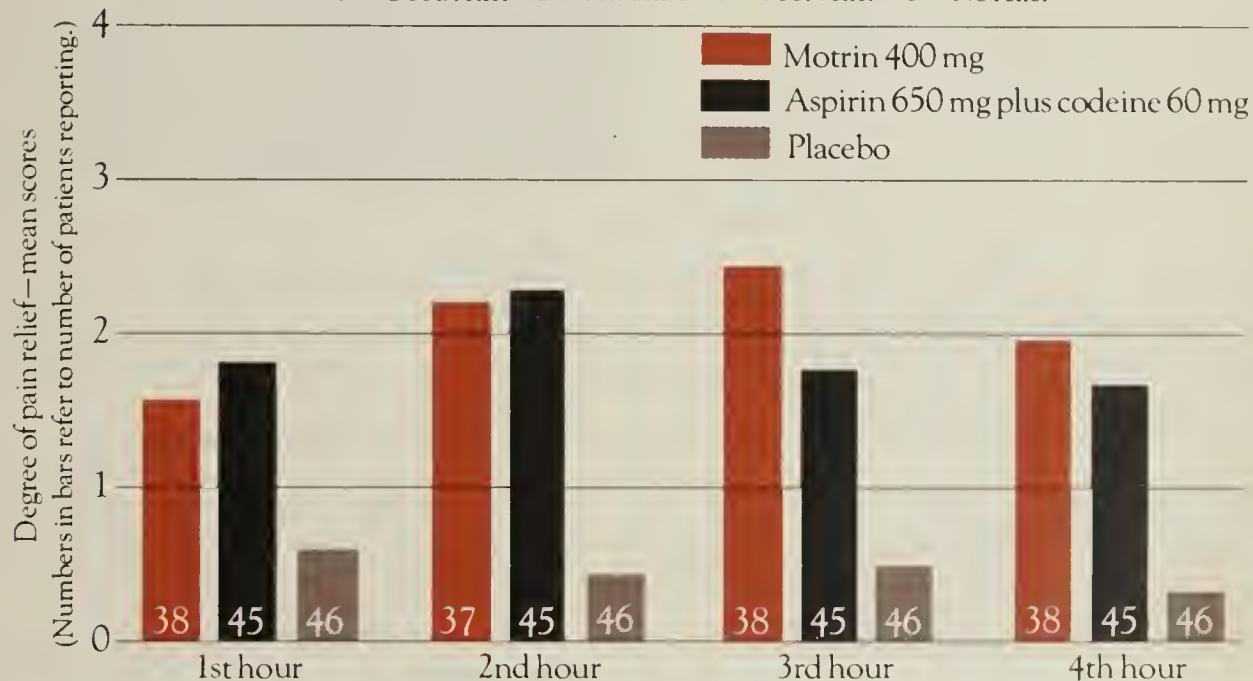
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Active treatment was significantly more effective ($p < 0.0001$) than placebo at all time intervals.

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Indications and Usage: Relief of mild to moderate pain.

Treatment of signs and symptoms of rheumatoid arthritis and osteoarthritis during acute flares and in long-term management. Safety and efficacy have not been established in Functional Class IV rheumatoid arthritis.

Contraindications: Individuals hypersensitive to it, or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin or other nonsteroidal anti-inflammatory agents (see WARNINGS).

Warnings: Anaphylactoid reactions have occurred in patients with aspirin hypersensitivity (see CONTRAINDICATIONS).

Peptic ulceration and gastrointestinal bleeding, sometimes severe, have been reported. Ulceration, perforation, and bleeding may end fatally. An association has not been established. Motrin should be given under close supervision to patients with a history of upper gastrointestinal tract disease, only after consulting ADVERSE REACTIONS.

In patients with active peptic ulcer and active rheumatoid arthritis, nonulcerogenic drugs, such as gold, should be tried. If Motrin must be given, the patient should be under close supervision for signs of ulcer perforation or gastrointestinal bleeding.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue Motrin and the patient should have an ophthalmologic examination, including central visual fields.

Fluid retention and edema have been associated with Motrin; use with caution in patients with a history of cardiac decompensation.

Motrin can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and those on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, blurred vision or other eye symptoms, skin rash, weight gain, or edema.

To avoid exacerbation of disease or adrenal insufficiency, patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin is added.

Drug interactions. *Aspirin:* Used concomitantly may decrease Motrin blood levels.

Coumarin: Bleeding has been reported in patients taking Motrin and coumarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy nor by nursing mothers.

Adverse Reactions

Incidence greater than 1%

Gastrointestinal: The most frequent type of adverse reaction occurring with Motrin is gastrointestinal (4% to 16%). This includes nausea*, epigastric pain*, heartburn*, diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of the GI tract (bloating and flatulence). **Central Nervous System:** Dizziness*, headache, nervousness. **Dermatologic:** Rash* (including maculopapular type), pruritus. **Special Senses:** Tinnitus. **Metabolic:** Decreased appetite, edema, fluid retention. Fluid retention generally responds promptly to drug discontinuation (see PRECAUTIONS).

*Incidence 3% to 9%.

Incidence less than 1 in 100

Gastrointestinal: Upper GI ulcer with bleeding and/or perforation, hemorrhage, melena. **Central Nervous System:** Depression, insomnia. **Dermatologic:** Vesicobullous eruptions, urticaria, erythema multiforme. **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure. **Special Senses:** Amblyopia (see PRECAUTIONS). **Hematologic:** Leukopenia, decreased hemoglobin and hematocrit.

Causal relationship unknown

Gastrointestinal: Hepatitis, jaundice, abnormal liver function. **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities. **Dermatologic:** Alopecia, Stevens-Johnson syndrome. **Special Senses:** Conjunctivitis, diplopia, optic neuritis. **Hematologic:** Hemolytic anemia, thrombocytopenia, granulocytopenia, bleeding episodes. **Allergic:** Fever, serum sickness, lupus erythematosus syndrome. **Endocrine:** Gynecomastia, hypoglycemia. **Cardiovascular:** Arrhythmias. **Renal:** Decreased creatinine clearance, polyuria, azotemia.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine, so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis, including flares of chronic disease: Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary for relief of pain. Do not exceed 2400 mg per day.

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Is the doctor shortage over?

Nikitas J. Zervanos, MD
Cynthia Xakellis

This ten-year physician manpower study in a southcentral Pennsylvania county challenges the recent proclamations of the Graduate Medical Education National Advisory Committee (GMENAC) that this country faces a surplus of physicians by 1990 and that the current family physician production rate is adequate.

The population in Lancaster County has grown by more than 40,000 people (15 percent growth) since July 1, 1970, while the number of practicing allopathic and osteopathic physicians has increased by 30 percent. Although the ratio of general and family practitioners to traditional specialists was nearly equal in 1970, traditional specialists have since come into the community at a rate twice that of family physicians. The primary care needs of the rural part of the county still are served by general and family practitioners.

This study reveals that since 1970 this community has had a rather favorable ratio of more than 1 primary care physician for every 1,700 people, but the demand for additional family physicians remains. These physician requirements are affected not only by population growth and physician attrition, but also by physicians' current preferences for group practices and shorter working hours, and their desire to spend more time with fewer patients. The experience with the Lancaster General Hospital residency program indicates a practice preference for group association with other family physicians in a rural or semi-rural setting.

Background

A crisis in both medical services and medical care needs of the country was declared in 1966 by the Commonwealth Fund and the Carnegie Foundation at an exploratory conference to determine the health care needs of the country. At this conference, the need for increasing the number of physi-

cians was debated. The issues included the impact of new Medicare and Medicaid legislations and an expanding American population that is better educated, more affluent, and older.¹

Concomitantly, various reports and publications cited not only the need for more physicians, but particularly for more generalists.²⁻⁵ Stimulated and supported by various governmental and private resources, America's medical and educational establishment responded dramatically.

Recent pronouncements from the Department of Health and Human Services (HHS) indicate that with the doubling of our U.S. medical graduates during the past 12 years, the country is fast approaching the saturation level.⁶ In fact, the GMENAC report suggests a surplus of 70,000 physicians by 1990 and 145,000 by the year 2000. This report allows for physician attrition yet also predicts that over a 12-year period with 20,000 more general and family physicians produced at a rate of 2,347 allopathic

and 1,030 osteopathic graduates each year this country will be meeting its requirements in this "specialty" by 1990.⁷

Governmental and public incentives to increase the numbers of medical graduates are likely to be curtailed as a result of such reports. Undoubtedly this will result in a leveling-off in the number of physicians being educated in this country.

Primary care training

The need for specialists educated, trained, and motivated to provide primary care on a continuing and comprehensive basis still remains an important health manpower goal.⁶⁻⁹ The Health Professionals Educational Assistance Act of 1976 was designed to stimulate the production of more primary care physicians, and capitation support for medical and dental schools was conditional. The schools were required to place 50 percent of their graduates in first year positions in direct or affiliated residency training programs in primary care.⁸ The national objective has been to direct half of the American graduates into the "broad" specialty fields of family practice, internal medicine, and pediatrics. Now the GMENAC report suggests that there will be a substantial surplus of primary care physicians.⁷

The American Academy of Family Physicians aims to channel 25 percent of medical school graduates into family practice residency programs by the year 1990. If this were to occur there would be nearly twice the number of graduates than is predicted by GMENAC. To accomplish this objec-

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TABLE 1
Trends in Physician Manpower
General Practitioner and Family Physician
Lancaster County
July 1, 1970 to December 31, 1980

	New	Attrition	Net result
Lancaster General Hospital family practice graduates	31	3	28
Other family practice graduates	14	1	13
Nongraduates	22	67	-45
Osteopathic general practitioner	26	9	17
Total	93	80	+13

TABLE 2
Trends in Physician Manpower
Lancaster County Family Practitioners in Practice
from July 1, 1970 through December 31, 1980

	Before July 1, 1970	Ten year net result	Totals as of December 31, 1980
Family practice graduates (LGH)	0	+28	28
Other family practice graduates	0	+13	13
Nongraduate	149	-45	104
Osteopathic	32	+17	49
Total	181	+13	194

ive, more than 4,000 first year positions would have to be available by 1990 given the more than 16,000 American graduates annually.

In July 1980, 11 years after family practice achieved specialty status, more than 2,400 first year openings were available in more than 375 programs. Ninety-four percent of these positions were filled.¹⁰ GMENAC does not recommend any further increase in this number of first year family practice residency positions⁷ which to date have produced more than 8,500 new family practice residency-trained physicians.¹¹

The number of generalists had declined until 1978. At that time, only 54,350 allopathic physicians in the U.S. were identified as either general or family practitioners. With more than 1,500 GPs leaving practice each year, the upturn is only now about to become a reality.^{7,10}

The net supply of allopathic general and family physicians will be only 64,400 by 1990. Even with an added 23,850 osteopathic general practitioners, the total number of general and family practitioners is still far less than what was available just before World War II.^{7,10}

Manpower in Lancaster County

Lancaster County supports both a 10-year-old allopathic family practice residency program at Lancaster General Hospital (LGH) and a long-standing osteopathic general practice internship and now residency program at Lancaster Osteopathic Hospital. Data from the Lancaster City and County Medical Society, the Lancas-

ter Osteopathic Society, and all five hospitals in Lancaster County were analyzed to determine physician manpower trends from July 1, 1970 through December 31, 1980. The status of the graduates of LGH's family practice residency program also was analyzed to determine the program's overall impact, not only on physician manpower in Lancaster County, but also on the careers of its graduates and nongraduate trainees.

The LGH program enrolled its first residents in July 1970. In common with many programs established in community hospitals was its principal goal to help meet the primary physician need in the local community. This need was perceived despite a general practitioner/population ratio of 1 to 1,770. Taking into account general internists, pediatricians, and obstetrician gynecologists, the primary care physician/population ratio was better than 1 to 1,500.

Since 1970, the program has trained 62 residents. As of July 1, 1980, nearly half of the graduates of the Lancaster program (28) had remained in the Lancaster community in active practice.

During this 10-year period, 14 other residency trained family physicians settled in the Lancaster County area. Including osteopathic and allopathic physicians not residency trained, 48 new family and general practitioners entered practice in Lancaster County during the decade. Eighty previously active family and general practitioners either retired, died, or moved away during this time. Fourteen physicians who had retired before 1970 were not

included in these figures. These changes have resulted in a net gain of only 13 new family physicians (Table 1). In the meantime, Lancaster County has grown from 320,000 people in 1970 to 362,000 in 1980 or nearly 15 percent, for a ratio of 1 new family physician to 3,231 new county residents.

As of December 31, 1980, there were approximately 194 active general and family practitioners in Lancaster County. This number includes 145 allopaths and 49 osteopaths; nearly half of the osteopaths established their practices within the last decade (Table 2). The net gain of 13 new family physicians represents only a 5 percent growth of the family and general practitioner pool. The 194 general and family practitioners constitute 47 percent of all physicians currently practicing in Lancaster County, and makes for an impressive general and family practitioner/population ratio of 1:1,866. In 1970 the ratio was an even more impressive 1:1,770.

The number of new traditional specialists, however, is a different story. As of December 31, 1980, there were approximately 282 traditional specialists. There were 243 allopaths and 39 osteopaths. Since July 1970, more than 194 new traditional specialists, including 24 osteopaths, established their practices in Lancaster County. These new physicians represent more than two-thirds (67 percent) of the total number. With an attrition of 115 physicians in this group, there has been a net gain of 79 such physicians representing a 36 percent growth in the limited specialty pool. Tables 3

TABLE 3
Trends in Physician Manpower
Traditional Specialists in
Lancaster County
July 1, 1970 to December 31, 1980
Allopathic and Osteopathic Physicians

	New		Attrition		Net result	
	Allo/Osteo		Allo/Osteo		Allo/Osteo	
General internist	23	0	15	1	8	- 1
Pediatrician	8	0	8	1	0	- 1
Ob/gyn	11	1	5	2	6	- 1
Medical subspecialist	34	3	11	2	23	1
Psychiatrist	14	1	9	1	5	0
Emergency medicine	15	10	2	0	13	10
Anesthesiology	8	1	2	1	6	0
General surgery	12	1	15	5	- 3	- 4
Surgical subspecialist	29	4	24	2	5	2
Radiology	12	2	5	1	7	1
Pathology	4	1	3	0	1	1
	170	24	99	16	71	8
Total	194		115		79	

TABLE 4
Trends in Physician Manpower
Traditional Specialists in Practice
Allopaths and Osteopaths
from July 1, 1970 through December 31, 1980

	Before		Ten year		Total	
	July 1, 1970		net result		December 31, 1980	
	Allo/Osteo		Allo/Osteo		Allo/Osteo	
General internist	11	2	8	- 1	19	1
Pediatrician	12	2	0	- 1	12	1
Ob/gyn	16	4	6	- 1	22	3
Medical subspecialist	23	4	23	1	46	5
Psychiatrist	9	1	5	0	14	1
Emergency medicine	4	0	13	10	17	10
Anesthesiology	9	2	6	0	15	2
General surgery	26	8	- 3	- 4	23	3
Surgical subspecialist	41	5	5	2	46	7
Radiology	13	2	7	1	20	3
Pathology	8	1	1	1	9	2
	172	31	71	8	243	39
Total	203		79		282	

and 4 give the new and total number of specialists, but those physicians who had retired before 1970 were not included.

As of December 31, 1980, there were 476 physicians practicing in Lancaster County. Sixty percent or 287 physicians of this group have established themselves in practice during the past decade.

As of December 31, 1980, there were 58 physicians in the primary care disciplines of general internal medicine, pediatrics, and ob/gyn, a net gain of 8 physicians in this group during the 10-year period. Adding the 194 family

and general practitioners to these 58 yields a total of 252 primary care physicians as of December 31, 1980. This adjusted figure indicates a growth of 7 percent in the total number of primary care physicians during the 10-year period. This relatively attractive primary physician to population ratio of 1:1,500 does not differ much from the situation in Lancaster County in 1970, and the demand for more of these physicians continues. In the past decade, the increase in the number of primary physicians has not kept pace with the increase in the population.

TABLE 5
Estimated Need for Additional Family
Physicians by July 1, 1985 based on
1:2,000 F.P./Population Ratio

Current need estimate (Based on existing practices, and consumer groups seeking physicians)	15
Attrition	20
Population growth (20,000 additional population estimated)	12
Total	47

Table 5 indicates the primary care and family practitioner projections for Lancaster County in 1985. Based on consumer demand and requests by existing practices for additional partners, there is a conservative current need estimate of some 15 family physicians. Moreover, with a population growth to 385,000 and an anticipated attrition of another 20 general practitioners over the next five years, it is easy to conclude using a current family practitioner/population ratio of 1:1,800 that Lancaster County will require another 46 family practitioners by the end of 1985. During this time, it is anticipated that 30 percent of the Lancaster General and Lancaster Osteopathic hospitals' family practice residents (25 family practitioners) will remain in the community. This represents barely half of the anticipated need.

The Lancaster experience, therefore, suggests that the requirement for family physicians will be far more than the projections of GMENAC. Indeed, a conservative ratio of better than 1 family physician for every 2,000 people with a current demand for more primary physicians leads us to conclude that the number of family physicians (both osteopathic and allopathic) needed on a nationwide basis by 1990 will be many more than the 88,000 projected by GMENAC.⁷

LGH's graduates

The brief analysis that follows describes the professional activities of all LGH's graduates and nongraduates, in terms of geographical distribution, population of practice area, and present status of nongraduates.

Since July 1, 1970, the family practice residency program has accepted

0 residents, 28 of whom are presently in training. Only six did not complete the residency. Until 1975, a few residents elected to take only two years of residency and achieved board certification through the three-year practice alternative. They are counted statistically as graduates.

Of the 28 graduates in practice in Lancaster County, 22 are in rural areas and 6 are in the city. Two physicians are in solo practice and the remaining 20 are either in partnership or group practice. The city could absorb more family physicians, but the demand for new physicians is greater in the rural areas.

Of the 35 graduates not presently practicing in Lancaster County, 8 are practicing elsewhere in the state, 6 are in full-time teaching positions, and 17 are located elsewhere in the U.S. Of these 17, five are in the South, eleven in the Northeast, and one in California. Of the unaccounted four, one is a resident in dermatology, one is a practicing psychiatrist, one is in medical missionary work, and one is in the Armed Forces (Table 6).

Thirty-one (50 percent) of the LGH graduates are practicing in communities of fewer than 30,000 people. The locations of practice by community size are outlined in Table 7.

The status of those who did not graduate from the program is noted in Table 8. Only two of the 62 graduates decided to leave family practice to enter different specialties: one in dermatology and the other in psychiatry. The psychiatrist however, is involved in teaching psychiatry to family practitioners. The dermatologist also wishes to remain involved in teaching family practice residents. Both of these physicians are in Pennsylvania.

Elsewhere in Pennsylvania

In regions of Pennsylvania where there are no family practice residencies, the physician manpower void is serious. Forty-six Pennsylvania counties, predominantly rural, have been designated as critical shortage areas for primary care physicians. Twenty-one counties report fewer physicians in 1976 than in 1974.¹² This shortage does not exist in counties where family practice residency programs had been in existence for more than a few years.

TABLE 6
Geographical Distribution of Graduates
July 1, 1980

<i>Location</i>	<i>Family practice</i>	<i>Teaching in family practice</i>	<i>Other than family practice</i>
Lancaster (rural)	22	—	—
Lancaster (city)	6	1	—
Pennsylvania	8	2	2
South	5	—	—
Northeast	11	1	—
Midwest, West	1	2	—
Missionary, military	2	—	—
Total	55	6	2

TABLE 7
Distribution of Lancaster General Hospital's Graduated Residents
by Community Size

<i>Population</i>	<i>Number</i>	<i>Percentage</i>	<i>Accumulated Percentage</i>
< 2,000	2	3	3
5,000 - 15,000	8	13	16
15,000 - 30,000	21	35	51
30,000 - 100,000	10	16	67
100,000 - 500,000	14	22	89
> 500,000	7	11	100
Total	62	100	

This difference in the distribution of physician manpower certainly suggests that family practice residency programs are satisfying locally the community's need for primary care physicians.

Discussion

Although family practice has come a long way since 1970, the results of this study indicate that the demand for more family physicians persists. Even in a community such as Lancaster, where nearly one-half of the graduates of its family medicine residency programs remain in the area, and where the primary care physician/population ratio is already better than 1:1,700, the demand or perhaps the need for many more such physicians continues. The growth of the primary care physician population (7 percent) has not kept pace with the growth of the general population (15 percent); yet the increase in the number of limited specialists (36 percent) has exceeded both these growth rates.

Communities which have their own

family practice residency programs are meeting the needs for effective continuing and comprehensive health care delivery. The Lancaster experience is not unlike that of others which would indicate that family practice residents are likely to practice near or in areas where they train.¹³ Most of those who leave the training community return near to their hometown areas to practice.

Data from the Lancaster experience

TABLE 8
Fate of Nongraduates

1 - Emergency medicine
1 - Public health service
1 - Orthopedic residency
1 - Completing family practice residency elsewhere because of personal life change
1 - General practice
1 - Was not permitted to continue and completed residency elsewhere
6 Total

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refute the predictions of the GMENAC report. This report predicts a surplus of 70,000 physicians by 1990, including an excess of 4,250 general and family practitioners. The projected, as well as current, family practitioner requirements for Lancaster City and County indicate a need for many more primary care physicians than what the GMENAC report estimated.

Our conclusions are predicted on the basis that one family physician for every 2,000 people is acceptable. The Lancaster experience however, suggests that this ratio is not adequate. There are several possible explanations:

- New graduates wish to spend more time with their families and not work the same long hours as their general practitioner predecessors.

- Family medicine is a discipline that simply takes more time with each individual patient.

- Many of the family practice graduates are involved in part-time or full-time teaching.¹⁴

- Some graduates, especially women, cannot devote full-time to their practices because of family obli-

gations.

Further research is needed on the practice patterns and attitudes of new physicians, both primary physicians and limited specialists. A comparison with the behavior of an older generation of practitioners would be useful in determining not only practice trends, but their effects on physician manpower requirements.

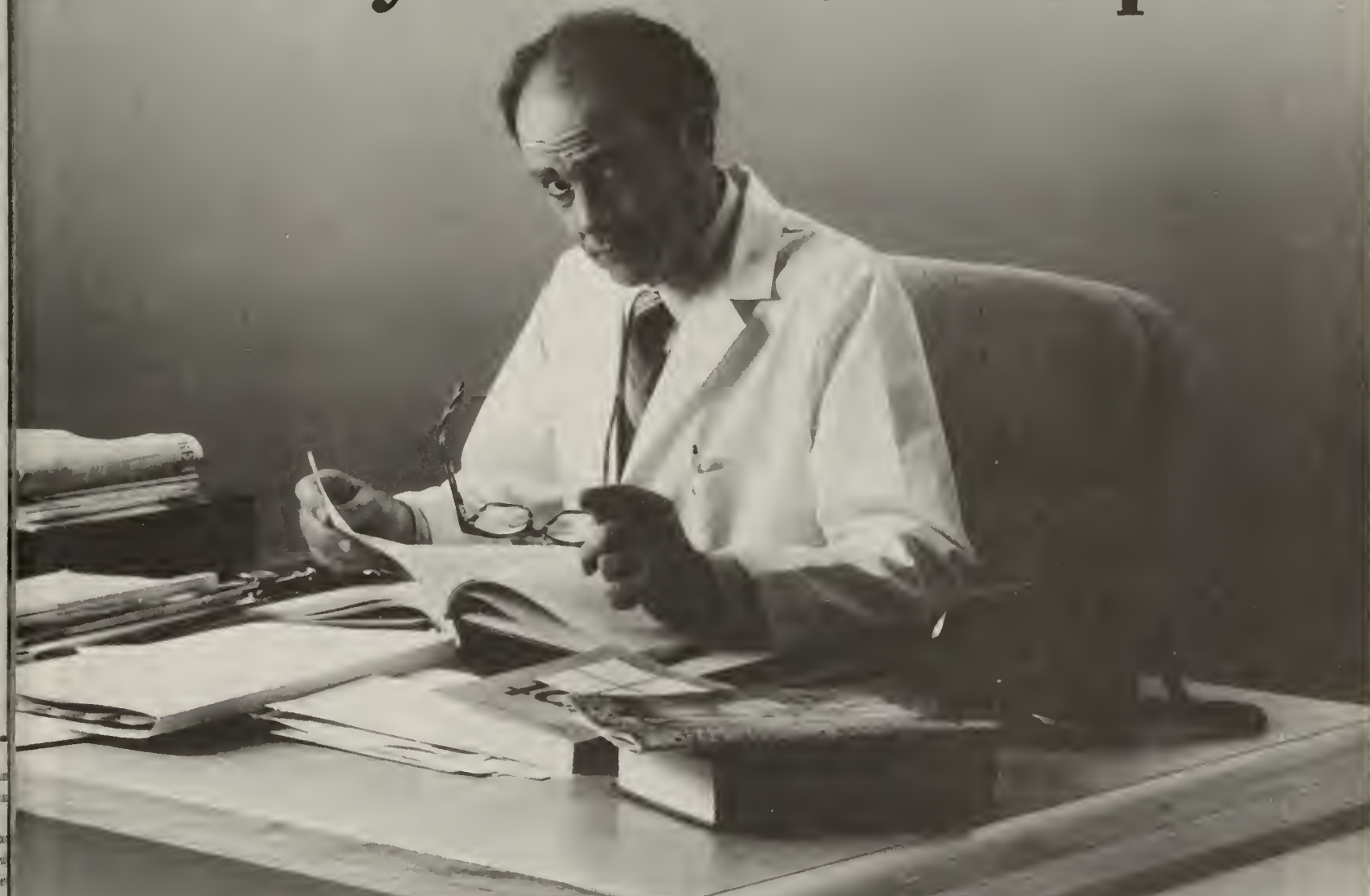
In summary, the data of the Lancaster experience indicate a steady demand through the 80s for family physicians, even in communities with favorable family physician/population ratios of better than 1:2,000. Current deficits, population growth, attrition of physicians, primarily through death and retirement, and a decrease in the number of people who can be served effectively by family physicians are the four basic reasons why this demand will occur. □

REFERENCES

1. Fein, Rashi: *The Doctor Shortage, an economic diagnosis*, The Brookings Institution, Washington, DC, 1967.
2. The Bane Report of the Surgeon General's Consultant on Medical Education, Physicians for a Growing America (1959).

3. The Report of the Citizens Commission on Graduate Medical Education, AMA, John S. Millis, Chairman, American Medical Association, 1966.
4. Meeting the challenge of family practice. *The Report of the Ad Hoc Committee on Education for Family Practice of the Council on Medical Education*, American Medical Association, 1966.
5. Coggeshall, L.T.: Planning for medical program through education. Association of American Medical Colleges, Evanston, Illinois, 1965.
6. Califano, Joseph A.: Remarks before the Association of American Medical Colleges, New Orleans, La. October 24, 1978, U.S. Department of HEW, U.S. Government Printing Office 1979.
7. The Report of the Graduate Medical Education National Advisory Committee to the Secretary of the Department of Health and Human Services, Public Health Service, 1980.
8. Graduate medical education, present and prospective, a call for action. Report of the Macy Study Group, Josiah Macy, Jr., Foundation, New York, N.Y. 10020, 1980.
9. Policy analysis for physician manpower training Bureau of Health Manpower, U.S. DHEW, Publication No. (HRH) 78-2, Washington, DC, U.S. Government Printing Office, 1977.
10. Ten years of family practice, *Medical World News*, October 1979.
11. Geyman, J.P.: The emerging profile of the residency trained family physician, *J. Family Practice* 11:767, 1980.
12. Mechansky, D.L., Swanson, J.A.: Do rural communities have enough doctors? *Pennsylvania Health*, Fall, 1978.
13. Geyman, J.P., Ciriacy E.W., Mayo F., et al: Geographic distribution of family practice residency graduates: the experience of three statewide networks. *J. Family Practice* 11:761, 1980.
14. Black, R.R., Schmittling, G., Stern, T.L.: Characteristics and practice patterns of family practice residency graduates in the United States. *J. Family Practice* 11:767, 1980.

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Current recommendations for treating tuberculosis

Pennsylvania Department of Health

The Advisory Committee on Chronic Respiratory Diseases to the Pennsylvania Department of Health met in September 1980 and recommended chemotherapeutic regimens for treating tuberculosis. The committee based its recommendations on current worldwide research and experience. This report summarizes its findings.

For cooperative patients with pulmonary tuberculosis caused by presumably drug-sensitive organisms, isoniazid 300 mg and rifampin 600 mg daily for nine months is advised, provided the patient's sputum is negative for acid-fast bacilli by both smear and culture after three months of treatment. This regimen should result in virtually no relapses. A follow up clinical evaluation, including a chest roentgenogram and submission of sputum (if available) for smear and culture, is recommended one year after completing treatment. In the interim, the patient should be advised to report immediately any symptoms suggestive of recurrent tuberculosis.

When relapse occurs after the stan-

dard nine-month regimen, treatment with isoniazid and rifampin should be resumed until drug sensitivity studies are reported. Relapses following short-course chemotherapy, usually after brief experimental treatment courses, almost invariably have been associated with drug-sensitive organisms which respond to further treatment with isoniazid and rifampin. If drug resistance is reported, the chemotherapeutic regimen should be changed according to the laboratory report.

Exceptions to the standard nine-month, two-drug regimen are tuberculous patients who have immigrated from areas with a high incidence of drug-resistant organisms. Such areas include Southeast Asia and Mexico. These patients should be treated initially with isoniazid 300 mg, rifampin 600 mg, and ethambutol 15 mg/kg until drug sensitivity studies have been reported. If no resistance to isoniazid and rifampin is demonstrated, the standard regimen then may be prescribed and may be continued for a total of nine months.

Other exceptions are individuals who have relapsed after treatment with former standard regimens. These patients should receive two or more drugs not previously administered pending drug sensitivity results. Chemotherapy should be continued for 18 months or for at least 12 months after the last positive sputum culture. Consultations regarding details of the therapy should be arranged. These patients also should be monitored for toxicity.

During the course of treatment, if an adverse drug reaction due to isoniazid should occur, the recommended regimen is rifampin 600 mg and etham-

butol 15 mg/kg. If intolerance or resistance to rifampin is noted, the recommended regimen is isoniazid 300 mg and ethambutol 15 mg/kg. Treatment should be continued either for 18 months or for at least one year after the last positive sputum culture.

Chemotherapy for noncompliant patients, particularly alcoholics and socially deprived individuals, may frustrate treatment and lead to relapse. For these individuals, supervised, intermittent chemotherapy is recommended. The patient should be advised to report to the local state tuberculosis clinic or to his private physician's office where the drugs will be administered under direct supervision. After an initial period of at least two weeks of daily therapy with isoniazid 300 mg and rifampin 600 mg, intermittent chemotherapy may begin with isoniazid 15 mg/kg, rifampin 600 mg, and pyridoxine 100 mg, all given twice weekly for a total of nine months. Again, routine follow up should occur after one year. The patient should be advised to report any suspicious symptoms promptly.

Intermittent chemotherapy with rifampin rarely may cause minor flu-like symptoms. These usually are of no serious significance. They should not prompt alteration of the treatment regimen.

A minimum of appropriate laboratory studies is recommended to monitor the possible toxicity of anti-tuberculosis drugs. The most important monitor is the patient himself. Careful instruction to him and periodic clinical review may help to detect early symptoms of toxicity.

Before starting treatment, a complete blood count, urinalysis, and multiphasic screening battery (minimum tests would be a SGOT, bilirubin, blood sugar, blood urea nitrogen, or creatinine) should be obtained. When rifampin is used, bilirubin and SGOT should be repeated 2-4 weeks later. In cases of intermittent chemotherapy using rifampin, a platelet count also should be obtained. When ethambutol is administered, visual acuity and color discrimination tests should be done initially and repeated monthly. □

Statewide testings in May for high blood pressure

During May the Pennsylvania High Blood Pressure Control Program will sponsor projects to increase high blood pressure awareness and control.

A week-long screening program is scheduled for Monday, May 11, through Saturday, May 16. This statewide Pharmacy Blood Pressure Screening Week will involve 365 pharmacies, including Rea & Derick stores.

The program also will hold a series of continuing education seminars for physicians.

The Pennsylvania Pharmaceutical Association and the American Heart Association, Pennsylvania Affiliate will conduct the program. Other participating agencies include the Pennsylvania Department of Health, the Pennsylvania Academy of Family Physicians, and the Pennsylvania Medical Society.

Members of the committee are: Frederick L. Jones, Jr., MD, chairman; William M. Anderson, MD; G. William Atkinson, MD; Sukhdev S. Grover, MD; Robert F. Johnston, MD; N. Blair Leroy, MD, Rob Roy MacGregor, MD; Robert L. Mayock, MD; Charles E. Myers, MD; Frederick L. Ruben, MD; Edward M. Sewell, MD; and John Schaaf, MD.

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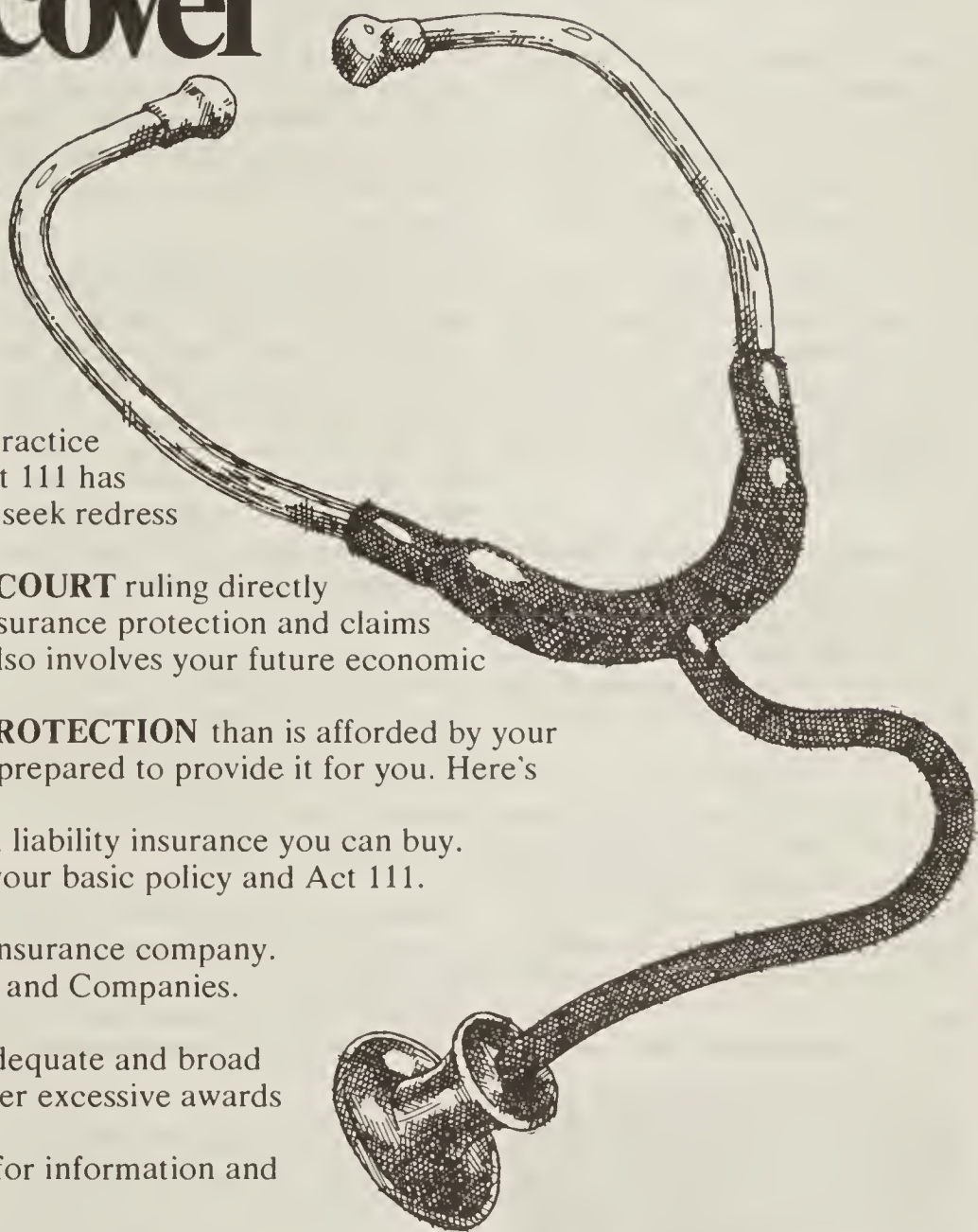
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physicians in the news

D. Eugene Losasso, MD, (Col. USAF, Ret.) recently celebrated two fifty-year anniversaries, one as a physician in Vandergrift and one as a member of the Vandergrift Lodge of the Loyal Order of the Moose. He is an officer of the Vandergrift Chapter of the American Red Cross and the director of the Children's Clinic of Kiski Valley.

Steven B. Siepser, MD, of Paoli, recently received a \$1,000 grant for a scientific poster presented at the Contact Lens Association of Ophthalmologists. The poster was entitled, "A toric soft contact lens fitting aid."

The Philadelphia Chapter Physicians Division of American Friends of Hebrew University recently honored **Alton I. Sutnick, MD,** with its Torch of Learning Award. Dr. Sutnick is dean of the Medical College of Pennsylvania.

Air Force Col. James D. Weaver, MD, recently received the Joel T. Boone Award of the Association of Military Surgeons of the United States. Dr. Weaver is the air surgeon of the National Guard Bureau in Washington, DC.

The Board of Regents of the American College of Surgeons recently elected **Charles Fineberg, MD,** chairman of the Pennsylvania State Advisory Committee. Dr. Fineberg is professor of surgery at Jefferson Medical College.

The Berks County Chapter of the American Academy of Family Physicians recently elected the following new officers: **Willard Y. Grubb, MD,** president; **Robert L. Silverberg, MD,** president elect; and **Randall K. Kramer, MD,** secretary treasurer.

Charles G. Watson, MD, recently was appointed to codirect the American Cancer Society's Reach to Recovery Program in the Pennsylvania Division. Dr. Watson is a surgeon on the staffs of Presbyterian-University and Veterans Administration hospitals, Pittsburgh.

Several physicians recently received recognition for their 50 years in the profession. Among those honored are **Herbert C. McClelland, MD,** Lebanon County Medical Society; **Charles G. Brohm, MD,** Jefferson County Medical Society; **J. Clifton Lynch, MD,** Bradford County Medical Society; and **Nevin Seitz, MD,** and **John J. Conroy, MD,** York County Medical Society.

Alfred B. Kurtz, MD, recently was awarded a \$34,740 grant from the Whitaker Foundation to continue his research in ultrasound. Dr. Kurtz is associate professor of radiology at Jefferson Medical College.

Robert A. Grubb, MD, recently was elected to the Selinsgrove Borough Council. Dr. Grubb is a Northumberland County family practitioner.

John S. Ligett, MD, recently was elected president of the Pittsburgh Surgical Society. Other officers elected are **Drs. Doris B. Maxwell,** vice president; **Charles G. Watson,** secretary; and **Daniel H. Brooks,** treasurer.

Thomas J. Gill, III, MD, recently was elected a trustee of the American Board of Pathology. Dr. Gill is professor and chairman of the pathology department at the University of Pittsburgh School of Medicine.

The Chamber of Commerce of Greater West Chester recently named **Robert Poole, III, MD,** Citizen of the Year. Dr. Poole is a family physician and a former president of the Chester County Board of Health.

Brian A. Wummer, MD, recently was appointed to the Committee on Mental Health of the American Academy of Family Physicians. Dr. Wummer is on the executive council of Berks County Medical Society.

John J. Siliquini, MD, recently was appointed chairman of the Wills Eye Hospital Annual Conference Committee for a term of three years. Dr. Siliquini is an associate surgeon on the staff of the Philadelphia hospital.

The American College of Cardiology recently presented its 1981 Distinguished Fellowship Award to **Leonard S. Dreifus, MD.**



William C. Beck, MD, FACS, will be honored in a symposium at the Guthrie Clinic Ltd., Sayre, on June 4, 1981. The symposium, "Infections in Surgery," is a tribute to Dr. Beck's 50 years in medicine. One of his major investigative efforts has been and continues to be prevention and treatment of surgical infections.

Dr. Beck is president of the Donald Guthrie Foundation for Medical Research and is chief of surgery, emeritus at the Guthrie Clinic and Robert Packer Hospital. He is presi-

dent of the Association for the Advancement of Medical Instrumentation and chairman of the Health Facilities Committee of the Illuminating Engineering Society in North America.

He is immediate past chairman of the Committee on the Operating Room Environment of the American College of Surgeons and is a contributing editor to *PENNSYLVANIA MEDICINE*.

His research activities also include surgical bacteriology, asepsis, and illumination in the hospital.



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in my opinion

Fighting a giant amoeba: the welfare department

In light of the fact that the state welfare department has some 44,000 people helping to distribute more than *four billion dollars* to "welfare recipients," it is not surprising that some view it as a giant boondoggle. Roughly one-third of that figure, or \$1.34 billion, is for medical assistance. Yet a society in which "all men are created equal" admittedly cannot withhold assistance from those who are ill and require treatment, whether they are permanently disabled or temporarily unable to work.

Government in Pennsylvania has responded to these needs, to no one's surprise, by creating another bureaucracy. Basically, our complaint revolves around the appalling waste of money inherent in many bureaucracies that we as taxpayers have contributed.

The Pennsylvania Medical Society has struggled long and mostly in vain trying to make this bureaucracy function more efficiently. Our chief goal has been to see that welfare recipients receive first class medical care rather than the second class care to which they so callously have been relegated. We felt that we were fighting a giant, amorphous amoeba; no sooner was one pseudopod buffeted away than two others would pop up to take its place. Whether, in time, something can be accomplished remains to be seen, but it is both frustrating and discouraging to watch, with a feeling of helplessness, the continuous monumental drain.

Pennsylvania's status in dealing with welfare is probably the worst among all the states from the physicians' point of view. In some respects social welfare programs throughout the country are suffering not only from failure but also, in a way, from success. From success? How can that be?

Originally, social welfare programs were intended to place most Americans in the middle class. Of course, the programs also were designed to help the permanently poor and disabled and those people whose incomes could not keep pace with inflation. An income below a certain government-designated level placed people in the poverty bracket. The success of this program is indicated by the fact that four-person families in the "poor" category have fallen from 22 percent of the population in 1959 to 12 percent in 1979. Senior citizen poverty has fallen even more, from 35 percent to 15 percent in the same time period.

Another aspect of the social welfare program that has been highly successful is the food stamp program. Twenty years ago a national nutrition commission found evidence

of widespread malnutrition. In 1979 a similar commission could find no significant malnutrition.

Although we are unhappy with medicaid (and some aspects of medicare), by and large the goal of providing medical care to both the poor and elderly has succeeded. We are aware, of course, that with health expenditures now approaching 10 percent of the gross national product we, like all other thoughtful tax paying Americans, believe that a limit has been reached and it is time to start spending both more critically and more efficiently.

Remember that initially Roosevelt's New Deal and Johnson's Great Society were designed as temporary bridges to protect people from economic need until the private sector created jobs. Everyone then would earn enough to feed, house, and care for themselves.

A curious aspect of the programs was the attempt to conceal that they were, in essence, huge welfare programs. President Johnson, for example, ordered that the terms, Great Society and income transfer payments (a euphemism for welfare payments) not be used in the same sentence in official government publications.

The theory was that by providing education for all the distribution of market earnings would be altered. Thus, in time the Great Society would have a minimum of social welfare spending. It did not work. Earning equalities are up even though educational inequalities are down, and this program is being phased out.

In Pennsylvania the welfare department is not working as it should. It is spending huge amounts of money inefficiently and frequently unwisely. It may be high time that it, too, be phased out. Serious thought should be given to having an agency such as Blue Shield take over the administration of the welfare department. The ultimate responsibility rests with the legislature. A way must be found to make sure that income transfer payments are doled out wisely and efficiently.

The legislature should create a task force to examine how the department is operating. This task force should be charged to suggest either abolishing substituting or totally revamping the department. We have a duty as physicians and as citizens of this Commonwealth and as taxpayers to see that this message is conveyed to our legislative representatives.

Robert S. Pressman, MD
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PMS Board adopts medicaid plan of action

The Pennsylvania Medical Society is committed to quality medical care for all and is seriously concerned that there are two classes of medical care for citizens of the Commonwealth. This position has been stated on many occasions — most recently in the Society's Position Paper on Medicaid, published in April 1980. In that Paper, specific recommendations were made to the Department of Public Welfare that, if acted upon, would have provided better access to adequate and compassionate health care for the state's needy citizens.

Although some small progress has been made in upgrading the private physician's office fee for treating Medical Assistance recipients — the fee was increased from \$6.00 to \$8.00 in July 1980 — it remains at a level approximately one-half the average fee charged for other patient visits. The medical-surgical fee schedule, which reimburses a maximum of \$200, regardless of the complexity of the procedure, has not been adjusted substantially since 1974. Furthermore, the initial visit to a hospitalized Medical Assistance patient is \$10.00; subsequent visits are reimbursed at \$3.00. According to many physicians, this level of reimbursement is similar to fees used during the Depression.

The frustrations with the inadequate reimbursement, the imposition of having to sign a formal Individual Practitioner Provider Agreement to be reimbursed for treating Medical Assistance patients, and the implementation, on September 1, 1980, of the Medical Assistance Management Information System (MAMIS), despite the Society's request to wait until technical problems were addressed, have aggravated the situation to the point that the Society's House of Delegates, at the 1980 Annual Meeting, adopted five resolutions calling for strong, swift action to resolve the Medical Assistance crisis in the Commonwealth.

This plan of action, called for in Resolution 80-8, *A Uniform System of Health Care For All Pennsylvania Citizens*, incorporates the intent of all those resolutions and offers strategies

that should enable the Society to achieve its goal of a single class of health care for all.

Success in upgrading Medical Assistance reimbursement and improving the administration of the program will depend to a great extent on the commitment of Society officers and members to convince the Thornburgh Administration, the state legislature, and the general public that the present system is unfair to both Medical Assistance recipients and providers of health services and that it is inefficient, poorly administered, costly, and an unduly heavy burden on taxpayers.

Implementation

To effect changes in the Medical Assistance program, a concentrated effort by Society officers, members, and staff over the next few months is essential. We must convince the administration and the legislature that (1) the state's Medical Assistance program is in jeopardy due to a lack of sufficient funds both to encourage providers to participate and to retain those currently participating; (2) MAMIS is creating more problems than it is solving and an investigation into its management should be undertaken immediately; and (3) serious consideration should be given to moving the administration of the Medical Assistance program from the Department of Public Welfare to the private sector.

Legislative program

Budget — The purpose of this portion of the program is to interest as many legislators (members of the Pennsylvania House and Senate) as possible in our problem. Although not all legislators are involved in the budget process, all of them do know who those legislative budget makers are and can talk to them on our behalf.

Shortly after the Governor presented his budget to the legislature in February, both the House and Senate Appropriations Committees started to meet with all of those departments of state government represented in the budget document. The largest departments, those with the large budgets, usually appear first before the Appropriations Committees. This means that the Department of Public Welfare will be one of the first heard. At this time efforts should be made to have contact with the individual members of the Senate and House Appropriations Committees — at the signal of our legislative staff — using, in most cases, those who have been involved in the members' campaign and PAC contributors.

These contacts with members of the Appropriations Committees should be followed by contacts with all House and Senate members with the express purpose that they urge the Appropriations Committees to increase the Medicaid budget. The Society strongly urges the legislature to use a line item for physician reimbursement.

Depending on the success, or lack of success, with this portion, we may need to meet with House and Senate leaders or to consider amending the budget proposal on the floor. That decision cannot be made until possibly April or May when the bill has been completed by the two committees.

Private sector administration of Medicaid — Prior to introducing legislation to have the administration of the Medical Assistance program removed from the Department of Public Welfare, the following steps must be taken: (1) contact Pennsylvania Blue Shield and Blue Cross Plans, commercial insurers, i.e., Travelers, Prudential, etc., to determine whether they have the capability and/or the inclination to administer the Medical Assistance program; (2) all pertinent data must be obtained and reviewed critically.

If the response from the private insurance sector and the data support efforts to remove the administration of the program from the department, a strong, positive approach must be made with the legislature at the state

The document on these pages was prepared by the Subcommittee on Medicaid of the Council on Medical Economics at the direction of the 1980 House of Delegates.

and local levels. The Society's position should be presented to the general public as a cost-saving measure (if, indeed, tax dollars can be saved). The Council on Medical Economics urges that top priority be afforded this effort. *Study of Department of Public Welfare* - A study was done in 1974 by the Pennsylvania Economy League on the administration of the Medical Assistance program at the request of the Senate Public Health and Welfare Committee. Many recommendations contained in that study to improve the program were never acted upon. At the time of the study, Senator Richard J. Snyder (R-Lancaster) was minority chairman of that committee. Senator Snyder now is the majority chairman, and the Society will request an update of the Economy League Study, and action on any findings to improve the program within a reasonable time.

The Society also should request the state legislature to review the credentials of key personnel within the Department of Public Welfare's Bureau of Medical Assistance. The Society is concerned that these employees are qualified, by education, experience and aptitude, to administer the Medicaid program in a responsive, efficient, and effective manner. In addition, professional standards should be set and adhered to for selecting program administrators.

The state legislature should review carefully the Federal Medicaid Assistance Percentage (FMAP). In Pennsylvania, the federal share to fund the Medical Assistance program is 55 percent and the state's share is 45 percent. The FMAP is based on a statutory formula designed to provide a higher percentage of federal matching to states with low per capita incomes, and a lower percentage of federal matching to states with higher per capita incomes. The maximum federal share is 83 percent; however, no state currently receives more than 77.5 percent. In effect, tax dollars collected in Pennsylvania are being used to subsidize Medicaid programs in states with lower per capita incomes.

Efforts should be made by the legislature to increase the FMAP for Penn-

sylvania. Such efforts will focus additional attention on the inequities of the Medical Assistance program in Pennsylvania.

Again, contact with legislators, at the state and local levels, to convince them that a thorough review of the administration of the Medical Assistance program is in the best interest of the taxpayers, is a critical part of the Society's efforts to effect change.

Executive branch program

The Society will request the Thornburgh Administration, independent of the legislature's study, to review the credentials of key personnel within the Bureau of Medical Assistance and to develop job descriptions for bureau personnel.

Another request will be for a review of the regulation writing process within the Bureau of Medical Assistance. Who writes the regulations? What are their qualifications and training? The Society will work to develop and to publicize procedures for provider input before the regulations are published in the *Pennsylvania Bulletin*.

Governor Thornburgh also will be asked to investigate the Medical Assistance Management Information System (MAMIS). MAMIS is not operating in the manner intended; it has created serious cash flow problems for all providers. Questions which must be answered include how was the computer firm chosen? how were consultants selected? and who oversees MAMIS operation? Serious consideration should be given to putting a "hold" on MAMIS implementation until problems are solved.

Public relations program

A well-planned and extensive public information effort should be an integral part of any campaign to increase the Medicaid private physician's office fee and the surgical fee schedule. The public needs to be made aware of how — as individual taxpayers — it would benefit from such an increase.

The public should be made aware that the greater the physician participation in Medicaid, the less necessary

it is for recipients to use more costly sources, such as hospitals. The public needs to be made aware that reductions in optional Medicaid services would make possible increases in fees for federally mandated services without additional expenditures of Medicaid funds.

The public needs to be made aware that administrative costs of the Medicaid program may be cut if the program is taken out of the hands of government and managed by an efficient, private sector agency. Moreover, the public needs to be made aware that physicians, as participants in Medicaid, are subsidizing a federally mandated program.

Finally, the public needs to be made aware that quality medical care — which many believe is an inalienable right — costs money.

These and other matters could be brought before the public in a variety of ways. Here are some possibilities:

- Press releases timed to appear while the Medicaid budget is being considered by the legislature.
- Model editorials sent to state newspapers with a suggestion that they be considered in editorial columns.
- Public appearances of physician-spokesmen who can say why increases are for the public good on TV news programs throughout the state.
- Advertisements in large newspapers in the state that point out the public good of our position.

Meeting of MA providers

It is recommended that meetings be held with other organizations whose members provide health services to Medical Assistance recipients. These meetings would provide an opportunity to develop strategies to bring about needed changes in the Medicaid program.

Legal action

In the event that the strategies outlined in this plan do not achieve the desired results, the only recourse open to the Society would seem to be legal action against the Department of Public Welfare.

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Tablets 10-25 each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt)



The nonphenothiazine formulation for the nonpsychotic patient

*The causal relationship between the phenothiazines and extrapyramidal side effects, including tardive dyskinesia, is well established. In contrast, the reported incidence of these adverse reactions with Limbitrol or either of its components is rare.

Please see summary of product information on following page.

LIMBITROL® TABLETS ^(IV) Tranquilizer—Antidepressant

Before prescribing, please consult complete product information,
or summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies.

Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage; withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated. Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration at ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely. The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias at the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single *h.s.* dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500, Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

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Richard A. Ellis, M.D., Course Director

Place:

Wills Eye Hospital
Main Auditorium
9th & Walnut Streets
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Wednesday, May 6, 1981
10:00 A.M. to 3:00 P.M.

Fee:

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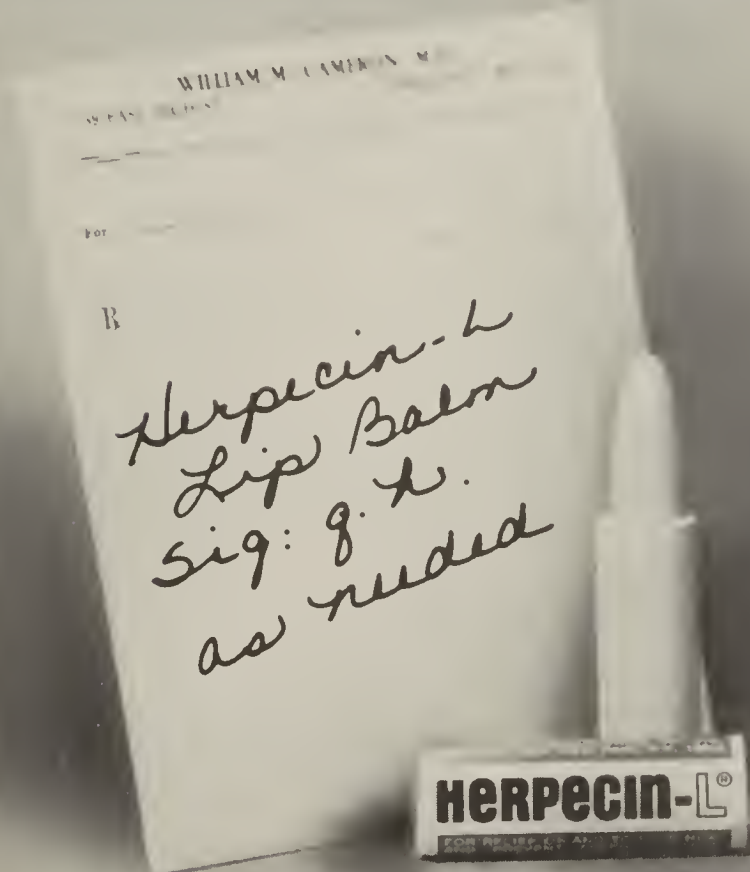
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INFORMATION AND REGISTRATION:

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Dx: recurrent herpes labialis



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AVAILABLE: Bottles 100, 500, 1000

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sensation after taking a higher
potency nicotinic acid. As a sec-
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plain of nausea, sweating and ab-

dominal cramps. The reaction is
usually transient.

INDICATIONS: As a cerebral
stimulant and vasodilator.

**RECOMMENDED GERIATRIC
DOSAGE:** One capsule three
times daily adjusted to the indi-
vidual patient.

WARNING: Overdosage may
cause muscle tremor and convul-
sions.

CONTRAINDICATIONS: Epilepsy
or low convulsive threshold.

CAUTION: Federal law prohibits
dispensing without prescription.
Keep out of reach of children.

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BROWN THE BROWN PHARMACEUTICAL CO., INC.

2500 West Sixth Street, Los Angeles, California 90057



obituaries

• Indicates PMS membership at time of death

• **Horace Bare Conaway**, Lewisburg, WV; University of Pen-
sylvania School of Medicine, 1925; age 80, died January 23, 1981.
Dr. Conaway was a former chief of medicine at Roxborough Mem-
orial Hospital, Philadelphia.

• **Nestor G. deQuevedo**, Scranton; Temple University School of
Medicine, 1935; age 70, died February 5, 1981. Dr. deQuevedo was
a past president of the Lackawanna County Medical Society. He
was on the staffs of Community Medical Center, Mercy and Mos-
Taylor hospitals in Scranton.

• **Hugo R. DiGiacobbe**, Altoona; Hahnemann Medical College of
Philadelphia, 1941; age 66, died January 28, 1981. Dr. DiGiacobbe was a p-
ediatrician in Altoona for the past 36 years.

• **Samuel Gross**, Scranton; Kentucky University School of Med-
icine, 1912; age 90, died February 2, 1981. Dr. Gross was a pa-
st president of Lackawanna County Medical Society and of the
county's cancer society.

• **Samuel Hankin**, Willow Grove; Temple University School of
Medicine, 1936; age 73, died February 13, 1981. Dr. Hankin was
retired physician and real estate magnate in Montgomery County.

• **Miller J. Korn**, Somerset; Temple University School of Med-
icine, 1938; age 67, died February 11, 1981. Dr. Korn was a su-
geon, general practitioner, and obstetrician in Somerset since
1942.

• **Rena M. Heilman Lindsay**, Freeport; Women's Medical Col-
lege of Pennsylvania, 1904; age 98, died February 2, 1981.
Dr. Lindsay was a general practitioner in Armstrong County and
was one of the oldest licensed woman physicians in the country.

• **Grace Kenney Martin**, Pittsburgh; Women's Medical College
of Pennsylvania, 1922; age 83, died February 8, 1981. Dr. Martin
a former medical missionary in China, was an eye, ear, nose, and
throat specialist in Dormont.

• **Franklin L. Payne**, Kennett Square; University of Pennsylvania
School of Medicine, 1922; age 81, died February 14, 1981.
Dr. Payne was a former chairman and professor of gynecology and
obstetrics at the University of Pennsylvania School of Medicine.

• **Frank M. Ramsey**, Mayfield, NY; University of Pennsylvania
School of Medicine, 1913; age 96, died January 15, 1981.

• **Maurice S. Sackey**, Philadelphia; University of Pennsylvania
School of Medicine, 1934; age 71, died December 31, 1980. Dr. Sac-
ey was an emeritus member of the medical faculty at Pennsylvania
Hospital and a senior physician on the staff of Nazareth Hospi-
tal.

• **Arthur L. Sagone**, Pittsburgh; Wayne State University Col-
lege of Medicine, 1934; age 75, died February 3, 1981. Dr. Sago-
ne had been a general practitioner and an emergency room speciali-
st at St. Francis General Hospital for more than 45 years.

Leslie Jesse Schwalm, Pottsville; University of Pennsylvania School of Medicine, 1932; age 75, died January 21, 1981. Dr. Schwalm was a past president of Schuylkill County Medical Society and served on the staffs of Pottsville and Good Samaritan hospitals and Warne Clinic.

Donald D. Williams, Erie; Georgetown University School of Medicine, 1934; age 72, died February 2, 1981. Dr. Williams was a former emergency room physician at Saint Vincent Health Center in Erie and Macon General Hospital in Macon, Georgia.

Paul Larimer McLain, Pittsburgh; University of Pittsburgh School of Medicine, 1932; age 72, died January 24, 1981. Dr. McLain was professor emeritus of pharmacology at the University of Pittsburgh School of Medicine.

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A peripheral vasodilator

for treatment of
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cold feet
tinnitus
discomfort on standing

LIPO-NICIN®

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comfort/convenience
in choice of
3 strengths

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Each time-release capsule contains:

Nicotinic Acid 300 mg.
Ascorbic Acid 150 mg.
Thiamine HCL (B-1) 25 mg.
Riboflavin (B-2) 2 mg.
Pyridoxine HCL (B-6) 10 mg.

in a special base of prolonged therapeutic effect.

DOSE: 1 to 2 tablets daily.

AVAILABLE: Bottles of 100, 500.

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LIPO-NICIN®/250 mg.

Each yellow tablet contains:

Nicotinic Acid 250 mg.
Niacinamide 75 mg.
Ascorbic Acid 150 mg.
Thiamine HCL (B-1) 25 mg.
Riboflavin (B-2) 2 mg.
Pyridoxine HCL (B-6) 10 mg.

DOSE: 1 to 3 tablets daily.

AVAILABLE: Bottles of 100, 500.

LIPO-NICIN®/100 mg.

Each blue tablet contains:

Nicotinic Acid 100 mg.
Niacinamide 75 mg.
Ascorbic Acid 150 mg.
Thiamine HCL (B-1) 25 mg.
Riboflavin (B-2) 2 mg.
Pyridoxine HCL (B-6) 10 mg.

DOSE: 1 to 5 tablets daily.

AVAILABLE: Bottles of 100, 500.

Indications: For use as a vasodilator in the symptoms of cold feet, leg cramps, dizziness, memory loss or tinnitus when associated with impaired peripheral circulation. Also provides concomitant administration of the listed vitamins. The warm tingling flush which may follow each dose of LIPO-NICIN® 100 mg. or 250 mg. is one of the therapeutic effects that often produce psychological benefits to the patient.

Side Effects: Transient flushing and feeling of warmth seldom require discontinuation of the drug. Transient headache, itching and tingling, skin rash, allergies and gastric disturbance may occur.

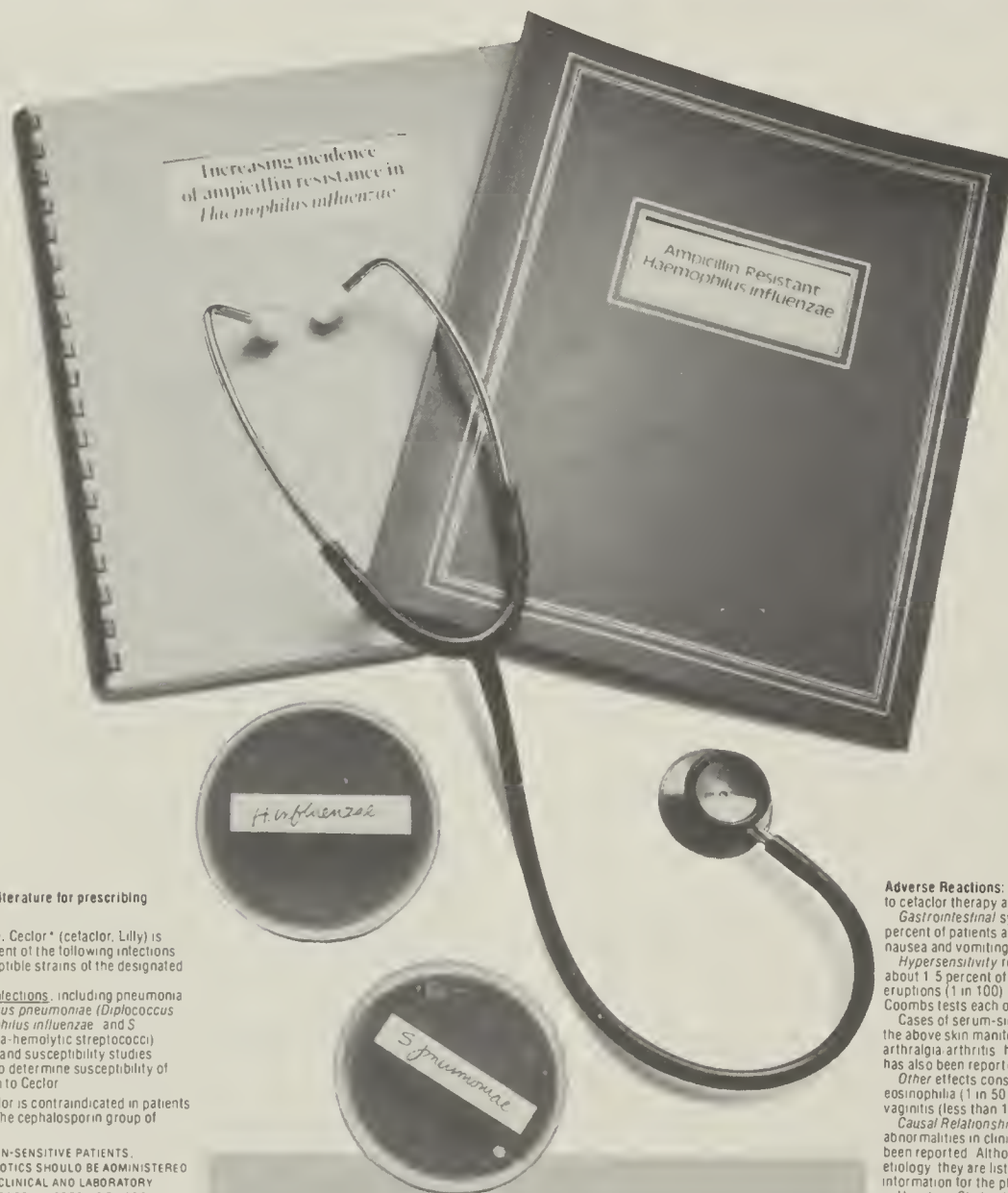
Contraindications: Patients with known idiosyncrasy to nicotinic acid or other components of the drug. Use with caution in pregnant patients and patients with glaucoma, severe diabetes, impaired liver function, peptic ulcers, and arterial bleeding.

Write for literature and samples

BROWN THE BROWN PHARMACEUTICAL CO., INC.
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An added complication... in the treatment of bacterial bronchitis*



Brief Summary. Consult the package literature for prescribing information.

Indications and Usage. Cefclor* (cefclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Lower respiratory infections, including pneumonia caused by *Streptococcus pneumoniae* (Diplococcus pneumoniae), *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci). Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

Contraindication: Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: IN PENICILLIN-SENSITIVE PATIENTS. CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS. AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

Precautions: If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g., pressor amines, antihistamines, or corticosteroids. Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

As a result of administration of Cefclor, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clinistest* tablets but not with Tes-Tape* (Glucose Enzymatic Test Strip, USP, Lilly).

Usage in Pregnancy: Although no teratogenic or antiteratogenic effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy: Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.⁷

Cefclor®

cefclor

Pulvules®, 250 and 500 mg

Adverse Reactions: Adverse effects considered related to cefclor therapy are uncommon and are listed below. **Gastrointestinal symptoms** occur in about 2-5 percent of patients and include diarrhea (1 in 70) and nausea and vomiting (1 in 90).

Hypersensitivity reactions have been reported in about 1-5 percent of patients and include morbilliform eruptions (1 in 100), pruritus, urticaria, and positive Coombs tests each occur in less than 1 in 200 patients. Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain: Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic: Slight elevations in SGPT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic: Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal: Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200).

[103UB08]

*Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefclor* (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother. 8:91, 1975.
2. Antimicrob. Agents Chemother. 11:470, 1977.
3. Antimicrob. Agents Chemother. 13:584, 1978.
4. Antimicrob. Agents Chemother. 12:490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy) II:880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother. 13:861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.

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100061

practice management

New tax law puts kink in retirement plan arrangements

Leif C. Beck, LL.B., CPBC

A partnership of professional corporations gives physicians maximum flexibility in retirement plan arrangements. If two or more doctors practicing together have diverse needs or desires as to their pension funding, each can create his own professional corporation and then cause those professional corporations (PCs) to form a partnership for joint practice. Each doctor's PC then can adopt its own retirement plan to reflect its physician-owners' individual interests.

The concept has grown rapidly in the past few years. Despite the costs of legal, accounting, and other administrative fees, it allowed the physician(s) seeking large retirement plan funding to accomplish that goal within a group of other physicians less desirous of such funding. In some large clinics which are often not incorporated, a few high-income members may choose to incorporate themselves and still remain in the clinic's practice.

There were some uncertainties of tax and pension law. Many partnerships of PCs simply bulled ahead blindly, while others moved carefully to anticipate potential problems. In the past few months a major concern has been addressed and the picture is beginning to clear. Unfortunately, there is still an area of uncertainty which physicians and their advisors must respect as they continue their planning.

H.R. 7171

In December 1980, in its rush toward adjournment, Congress passed a series of so-called "Miscellaneous Tax Bills". One of them, H.R. 7171, contained provisions affecting "affiliated service organizations," a term applying to partnerships of PCs. Congress included the same affiliated service organization provisions in a second tax bill, H.R. 7956, and President Carter signed them both. We will, for convenience, refer only to H.R. 7171.

This law responded to two unfortunate Tax Court decisions. One, known as the *Garland* case, held that a professional corporation in a partnership need not include in its retirement plan the employees of the partnership (typically the nonphysician staff) at all. Hence, a group of doctors could create a partnership of PCs, after which each doctor could adopt an individual corporate retirement plan for himself and provide no coverage for the lay employees. That dramatic result was so contrary to the spirit of tax and pension law that it virtually required Congressional correction.

H.R. 7171 provided that expected response. It requires the employees of all "affiliated service organizations" to be treated as employed by a "single

employer" for retirement plan purposes. Although that statement may seem simple and straightforward, it leaves unanswered a number of questions directly concerning physicians practicing in or contemplating partnerships of PCs.

What is an "affiliated service organization"? The new law clearly would cause all the doctors' PCs and the core partnership (presumably employing the staff) to be treated as a single employer. A group or clinic in which one or several doctors incorporate while most of the physicians remain individual partners would be subject to the new rules. Several clinics and large group practices will have difficulties with this result.

The law also affects other common medical practice arrangements. If an organization (a corporation, partnership, trust for children, physician/spouse co-ownership or otherwise) is at least 10 percent directly or indirectly owned by a physician who controls his practice as owner, officer, etc., and if the organization provides services to or for the physician's practice, then it too will be part of the single employer for retirement plan coverage.

Thus, physicians who may have a separate billing company, a laboratory, an x-ray facility or the like may have to cover those ancillary employees for retirement. Interestingly it ap-

The author is the principal consultant in the firm, Management Consulting for Professionals, Inc., Bala Cynwyd.

appears that an entity offering its services directly to the practice's patients and directly billing those patients for its services can avoid the new rules.

How are all employees to be covered in the retirement plan(s)? Treating all such related employees as being within a single employer will be a troublesome requirement. It could require that there be a single retirement plan for all the separate entities. This would kill the flexibility of the partnership of PCs but we do not expect that interpretation.

It should be sufficient for all employees of the affiliated organizations to be covered by retirement plans that basically provide comparable arrangements for the lower paid staff. H.R. 7171 delegated authority to the Treasury Department to issue regulations on such matters, but when such regulations may actually be published is unpredictable.

There is a fear that the Treasury Department may require a best plan approach requiring that the best (and presumably most costly) retirement plan adopted by any of the corporate partners be provided for all the related employees.¹ This would destroy the usefulness of partnerships of PCs. Although this is a possibility, we do not expect the best plan approach to be required.

More likely, the Treasury Department may follow prior IRS rulings² and permit each separate corporation to include the partnership's lay employees in its own retirement plan on a pro rata basis. For example, if a physician's corporation is a one-third partner with two other doctors' corporations, his corporate retirement plan must include all the partnership's employees but only to the extent of one-third of their salaries. The two other doctors would have to do the same through their corporations. We have anticipated this continued pro rata approach for some of our clients, although it tends to be more costly in terms of retirement plan accounting and administration.

Another alternative would be for the partnership to adopt its own retirement plan(s) covering only its nonphysician employees. The partnership should attempt to make the features comparable with those of the various doctors' separate corporate

plans. Many may prefer this approach since each physician's plan would be for him alone, and the employees would be covered under a separate arrangement.

Adopting a single comparable plan for the partnership's employees may be acceptable to the IRS if the separate doctors' corporations have approximately equal retirement plans. In many cases, the variations at the physician level may make the comparable plan approach unworkable.

When is the new law effective? The rules apply to retirement plan years ending after November 30, 1980 if no plan was then in existence. Anyone who created a partnership of PCs without adopting retirement plans is under the new law and the described uncertainties.

If a retirement plan existed on November 30, 1980, the new rules apply for the plan year beginning next after that date. This allowed some planning time but we cannot predict whether regulations from the Treasury Department will be proposed or adopted even within that time.

What should involved doctors do now? The best advice for many existing or newly created partnerships of PCs is to wait as long as possible before adopting retirement plans.³ The Treasury Department may issue its regulations or some interim guidance to help the plan in its design decisions. But deadlines do exist as corporate fiscal and retirement plan years approach, and new arrangements must be adopted legally before those years expire.

Each arrangement will be unique enough that expert advice will vary from case to case. Nevertheless, in most cases, we would suggest following the pro rata approach whereby each physician's corporation includes the partnership's lay employees to a proportionate extent of their salaries. This approach involves some special retirement plan draftsmanship, for example providing pro rata for integration with Social Security.

In applying for IRS approval, we suggest submitting all the related organizations' plans together. Full disclosure of the overall arrangements should be made with the IRS application so that plan qualification cannot be revoked because of insufficient in-

formation. One cannot predict the IRS' determinations, especially not before the Treasury Department issues the regulations, but the pro rata approach and full disclosure would seem to be the best available strategy for most physicians.

Effect on other fringes

H.R. 7171 also extended the single employer concept to uninsured medical expense reimbursement plans (MERPs) and to cafeteria plans of so called affiliated service organizations. Cafeteria plans are special arrangements whereby corporate employees may choose between various fringe benefits and the corresponding cash as best suits each person, as permitted by the Revenue Act of 1978.

These fringes had not been mentioned in previous proposed legislative action against the *Garland* result.

Physicians in partnerships of PCs will no longer be able to arrange for the payment of their family's uninsured health expenses through separate corporate MERPs or cafeteria plans without covering the lay staff as well. If, on November 30, 1980, a plan included either of these fringes the doctors could recognize the present fiscal year (if not yet ended after that date) as their last chance to pay their family's health related expenses in a cost-effective way through their separate corporations.

Conclusion

The *Garland* case clearly required the corrections in the new law; however, the new law creates a degree of uncertainty which will prove difficult for some partnerships of PCs. It also emphasizes the need for careful advice and plan draftsmanship to meet the rules.

Nevertheless, the partnership of professional corporations probably will continue to be a useful device for doctor's individual retirement plan flexibility. H.R. 7171 and its regulations should help by providing a reasonable set of guidelines within which such arrangements can function. □

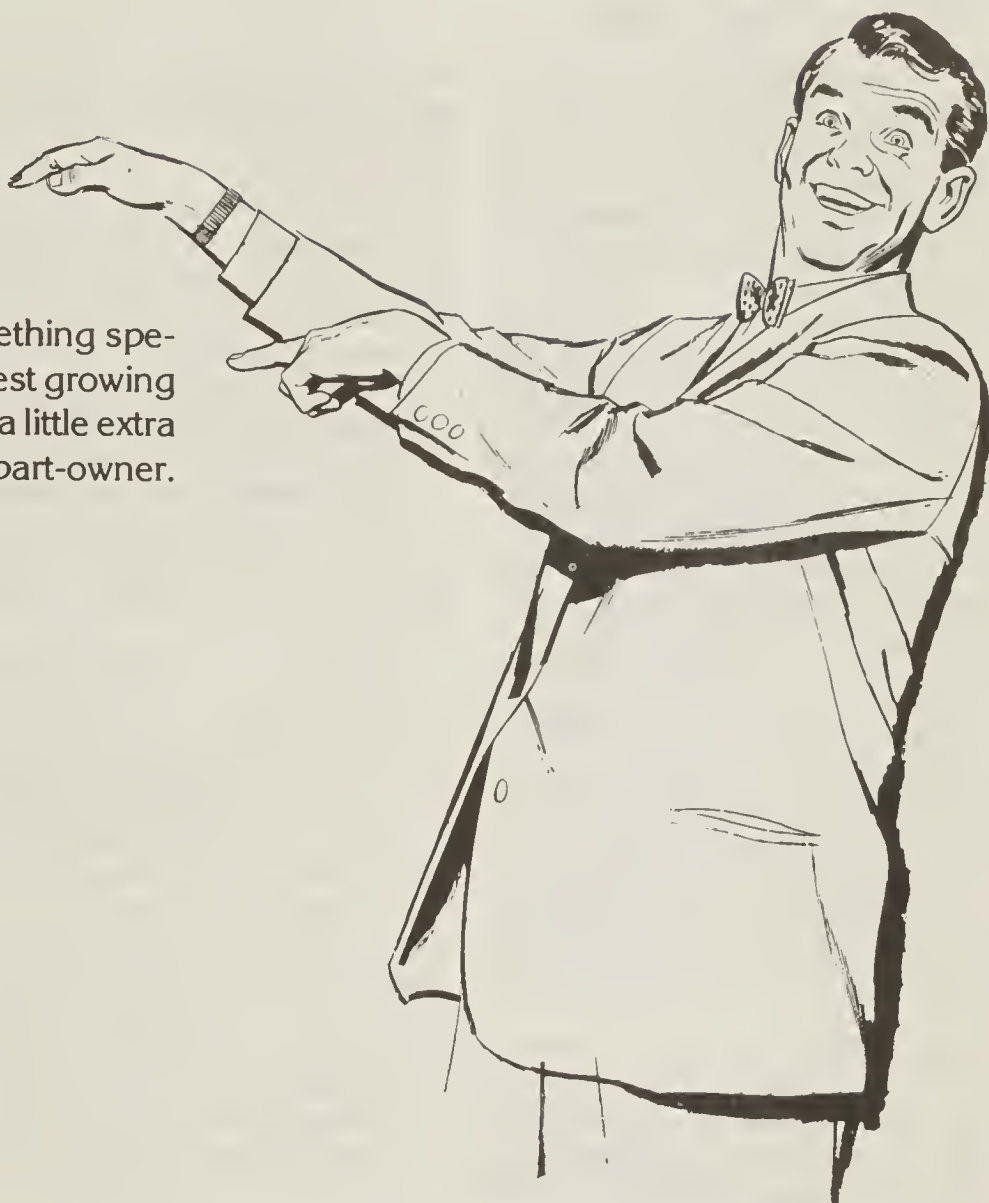
1. Lamon, Thompson: Qualified retirement plans for affiliated service corporations: What to do under new legislation. *Taxes - The Tax Magazine*, February, 1981, p. 67.

2. Rev. Rul. 68-370, 1968-2 CB 1974, officially states this IRS position; and it has been followed in numerous private Letter Rulings such as #7834059.

3. Lamon, Thompson, *supra*, p. 73.

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Sudden amnesia for personal identity

Salman Akhtar, MD

Beth Lindsey, MD

Faye Landau Kahn, ACSW

The amnesic patient who does not remember his identity often poses a diagnostic challenge. The conditions that underlie such symptoms are varied,¹⁻³ and often numerous investigations are required to establish a satisfactory diagnosis.

In this paper, we are reporting an unusual case where amnesia for personal identity was a circumscribed cognitive deficit and remained intractable. The purpose of reporting this case is threefold. First, it is intended to provide the background for a brief discussion of differential diagnosis in such cases. Second, we wish to outline the investigations required in such cases and to point out, parenthetically, that even an unusually inclusive battery of socio-clinical investigations, such as those used in the following case, may sometimes fail to clarify the diagnosis. Finally, we also wish to highlight the administrative, bureaucratic, and social difficulties of such a patient in the health care system.

Case report

A middle aged white woman was transferred to our psychiatric unit for further evaluation of a discrete retrograde amnesia and total loss of personal identity. Two weeks prior to the transfer, the patient had been brought by police to the emergency room of a local general hospital. She had no identification papers on her and no one recognized her at the bookstore where police had found her 'passed out'.

Physical examination, at that time, did not reveal any abnormality except for a small bump on the lateral occiput. This apparently had resulted from passing out and falling at the bookstore.

Mental status examination revealed a petite, disheveled white woman with short-cropped hair and poor dentition. The patient was cooperative and fluent. She denied auditory and visual hallucinations, and there was no evidence of delusions. She displayed above average intelligence with a rich vocabulary, facility with numbers, and a remarkable fund

of knowledge—she could recite the names of Presidents correctly back to Harding. Immediate and delayed recall were intact.

In the setting of such lucid functioning it was striking to find out that the patient was completely disoriented. She did not know the date and month, and she was surprised to find out that she was in Philadelphia. She vaguely remembered passing out but thought it had occurred in an airport. More remarkable, however, was the total loss of personal identity. Except her name, which was a fairly common one, the patient claimed to remember nothing about herself.

She was not certain about her age, she did not know her religion, marital status, occupation or place of residence, nor could she recall the names of any relatives or friends to contact. She was unclear about her past. She remembered nothing about her birthplace, parents, siblings, schools she attended, cities she lived in, including where she was living before the apparently sudden loss of her personal, remote memory. The patient seemed concerned about her predicament.

At the general hospital to which she was first admitted, examination by a consultant neurologist was within normal limits. Basic laboratory data, chest x-rays, EKG, skull x-rays and an EEG were within normal limits. Serum and urine drug screens were negative. A CAT scan of the skull was performed and was found normal. The results of CSF studies were also within normal limits.

A psychiatric consult suggested hypnosis to elicit further information. During hypnosis, the patient recalled some past personal details, names of

employers and friends, educational and occupational experience, but none of this could be verified.

The patient's clinical course meanwhile had shown three outstanding features. These were (a) the relatively rapid recovery of orientation, within 24 hours of her admission, the patient had become fully oriented; (b) as day passed, it was observed that the patient had no anterograde amnesia at all and recalled every detail after her arrival at the hospital with ease, and (c) in view of the disappearance of disorientation, the loss of personal identity and the circumscribed nature of amnesia regarding personal events became quite pronounced and striking. In this condition, the patient was transferred to our inpatient service for further evaluation.

When we first examined the patient she had no physical abnormalities. She had a clear sensorium, sharp intelligence, and an articulate and cooperative manner. She was only mildly concerned over her predicament. She seemed disconcerted about her loss of personal identity but had no other cognitive deficit or thought disorder. She "guessed" that she was 58 years old, unmarried, childless, Christian, and a legal secretary from somewhere in Illinois. Beyond these "guesses," she could not offer further information in numerous subsequent interviews, some of which were with independent consultant level psychiatrists.

In the subsequent two months of her hospital stay, repeated laboratory tests, physical exams, neurological consultations, and psychological tests failed to reveal any significant findings. The patient was hypnotized again and narcoanalytic interviews using intravenous sodium amytal, were conducted on two different occasions. During these, the patient gave copious information that again focused on friends, employers, educational and occupational experience, and not on family and specific personal matters, such as social security number, address, or marital status.

Dozens of phone calls to these al-

Dr. Akhtar is associate professor, Dr. Lindsey is a resident, and Ms. Kahn is a social worker in the psychiatry and human behavior department at Jefferson Medical College. The authors acknowledge Howard Field, MD, Dilip Ramchandani, MD, and Clorinda Margolis, PhD, for their help in the investigations and Lynn Waters for her secretarial assistance.

Table I
Medical, Psychiatric, and Social Investigations

<i>Medical</i>	<i>Psychiatric</i>	<i>Psychometric</i>	<i>Social</i>
Physical exam	History	Bender-Gestalt	Phone calls to alleged friends and employers
Neurological exam by an attending neurologist	Mental status exam	WAIS	Phone calls to the alumnae associations of allegedly attended institutions
CBC, electrolytes, FBS, BUN, creatinine, calcium, liver functions, thyroid functions, sedimentation rate and biochemical profile; serum drug screen	Independent psychiatric interviews with three consultant psychiatrists	MMPI	Phone calls to public libraries, Bureau of Vital Statistics, neighboring state hospitals, Salvation Army, hospices, Social Security Administration, Traveler's Aid, city's Adult Services, Bureau of Missing Persons
Urinalysis and urine drug screen	Presentation and discussion in a clinical case conference	Rorschach	
		TAT	
Stools	Hypnosis		Fingerprinting
Serological tests for syphilis	Narcoanalytic interviews using intravenous sodium amytal		Photographing with the aid of local police
Chest x-ray			Investigations in local hotels
Electroencephalogram			Teletyping information to her alleged state of origin
Computerized tomograms of the head			Contact with the FBI
Lumbar puncture with CSF sent for smear, India ink stain, culture and sensitivity for bacteria and fungi, viral studies, cell count, and differential, VDRL, glucose, and protein			Polygraph Test*
			Linguistic Analysis*

*See Text

ged colleagues, employers, and alumnae associations failed to establish any connection to the patient either by name or physical description. The patient's alleged name and physical description were reported to the city's Adult Services, Traveler's Aid Society, Salvation Army, neighboring state hospitals and the Bureau of Missing Persons. Since none of these agencies could provide any information, it was concluded that the patient was not from the immediate geographic area (as she herself guessed) and/or had not availed herself of services for troubled, homeless, or financially needy. With the help of

local police, the patient was fingerprinted and photographed; however, these, too, did not yield any clue to her identity even after being teletyped to large midwestern cities and their suburbs.

While these investigations were underway, the clinical state of the patient remained unchanged. She remained amnesic for her personal identity, though she displayed less and less anxiety about it as days passed. She got along well with other patients, presided effectively in the ward's community meetings, and spent her days playing solitaire or reading novels in her room.

Two months after her admission, the patient was discharged in an unchanged condition with no medications, temporary living arrangements, and an advice for outpatient followup. Since she had commendable secretarial skills, the patient was placed on the list of various temporary employment agencies.

An amusing postscript and followup to the case is that a month after her discharge, the unit secretary fell ill and temporary secretarial help was requested from a local employment agency. The person who showed up—and did all the typing and secretarial chores for the day—was none other

than our patient. She still did not know who she was or where she came from, but she was not a bad typist!

Diagnostic considerations

Though the patient's age, the nature of her symptomatology (memory loss) and initial disorientation tended to suggest an underlying organic condition, we concluded that this was not the case. The absence of demonstrable organic pathology, the maintenance of other intellectual functions and well integrated behavior, the lack of any anterograde memory defect and the circumscribed nature of remote memory loss were all evidences against an organic condition.⁴

This left us with functional conditions. Since there was no evidence whatsoever of depression (the patient ate well, slept well, and was energetic) or of schizophrenia (the patient had no looseness of associations, bizarre behavior, hallucinations, or oddities of affect), we were left with the group of psychogenic amnesias. This consists of dissociative reaction, malingering, and factitious disorder with psychological symptoms.⁵

According to DSM-III⁵ such a dissociative reaction is characterized by a "sudden inability to recall important personal information," and this failure to recall may encompass "the individual's entire life." This description fit our patient. DSM-III also states, however, that this disorder is rare in ordinary civilian circumstances, rare in older patients, and is characterized by rapid and complete recovery. Therefore our patient cannot be assigned this diagnosis.

The next consideration was malingering, a possibility suggested by her relative lack of distress regarding such a major disruption in her life. According to DSM-III, the two outstanding features of malingering are voluntary production of symptoms and pursuit of an obviously recognizable goal. We could find no evidence of the latter after over two months of "detective work" and can only speculate regarding the former. The consistency with which the patient held on to her symptom even during amytal narcoanalysis and hypnosis tended to rule out the suspicion that the symptom was feigned. Her cooperative attitude, overall conscientiousness as wit-

nessed in her relations with staff and other patients, the strength of her character as witnessed in her performance as the president of ward community meetings, and the absence of a medico-legal context, all tended to rule out malingering.

The final diagnostic consideration was factitious disorder with psychological symptoms. This new diagnostic category introduced in DSM-III,⁵ is distinguished from malingering. In malingering, the patient is in voluntary control of his symptoms, but for an obviously recognizable, external advantage. In factitious disorder, there is voluntary production of symptoms but with no apparent goal other than to assume the patient role. This apparently satisfies some deep-seated, dependent longing in the patient. Diagnostically, our patient could be assigned this label if we were certain about her volitional control of her symptoms. We are not and hence find no satisfactory diagnostic label for this patient. Whether this is a failure of our diagnostic acumen or an indication of the limits of psychiatric nosology is an open question.

Investigations

The list of investigations performed in this case is summarized in Table I. Obviously this list may have to be curtailed or augmented in a given case. What we wish to emphasize, however, is that even such an inclusive battery of investigations may fail to clinch the diagnosis. This is a comment, in our opinion, upon the limits to information which "investigations" can yield. Clinical intuition, experience, and careful followup are, perhaps, ultimately more important in such cases.

Social, administrative aspects

The frustrations inherent in the social worker's attempt to establish the identity of an amnesia victim are endless and difficult to chronicle. Our specific investigation was hampered by the fact that the patient's alleged name was a fairly common one. The difficulty was augmented by the fact that the agencies most sophisticated in "detective work" have no centralized or established system for providing assistance for unidentified persons.

In addition to occasional paranoid responses to our phone calls, we also discovered interesting paradoxes in the rules and regulations of service providing agencies. For example, when we called the Bureau of Vital Statistics in the alleged state of her birth, we found that they would not provide any information about whether such a person existed without a fee, signed consent, and documentation that indeed she *was* the person in question. Similarly, the patient could not be hired without a social security number and a number could not be provided for her until she worked!

Local police can play a role in such cases. In this case, they photographed and fingerprinted the patient but acknowledged that unless she had a criminal record in the immediate geographical area, this procedure was essentially fruitless. Equally futile was securing clearance for the FBI to forward her prints to Washington. We were told that it would take months, perhaps more, until they received any attention from the bureau. The police agreed to take her photograph to several area hotels with no avail. They could not authorize a polygraph test and had no linguist available to analyze her speech. It is noteworthy that police would not have been willing to assist at all, were it not that they initially transported the patient to the hospital. If the patient had presented herself to an emergency room, the matter would not have any relevance to them and they could conceivably deny help.

Finally, we should point out the issue of finances. Who will pay the enormous hospital bill of this patient? Since there is no documentation of domicile, no local or state agency was willing to pick up the tab. The hospital administration, after some initial hesitation, fortunately agreed to subsidize this academic exercise.

REFERENCES

1. Brain, W.R.: *Diseases of the Nervous System* (6th ed) London: Oxford University Press, 1962.
2. Slater, E., Roth, M.: *Clinical Psychiatry* (3rd ed), Baltimore: Williams and Wilkins Co., 1969.
3. Akhtar, S., Brenner, I.: Differential diagnosis of fugue-like states. *J Clin Psychiatry*, 40:381-385, 1979.
4. Pincus, J.H., Tucker, G.J.: *Behavioral Neurology*. New York: Oxford University Press, 1978, pp. 272-275.
5. Diagnostic and Statistical Manual of Mental Disorders (Third Edition), American Psychiatric Association, Washington, D.C., 1980.

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INDICATION: Methyltestosterone is 17 β -Hydroxy- Δ 4-androst-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **EFFECTS:** In the male: 1. Eunuchoidism and small stature. 2. Male climacteric symptoms when these are due to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-puberal cryptorchidism. 5. Evidence of hypogonadism. Cholestatic hepatitis, jaundice and altered liver function tests, such as elevated BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes are thought to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal insufficiency. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and eunuchism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

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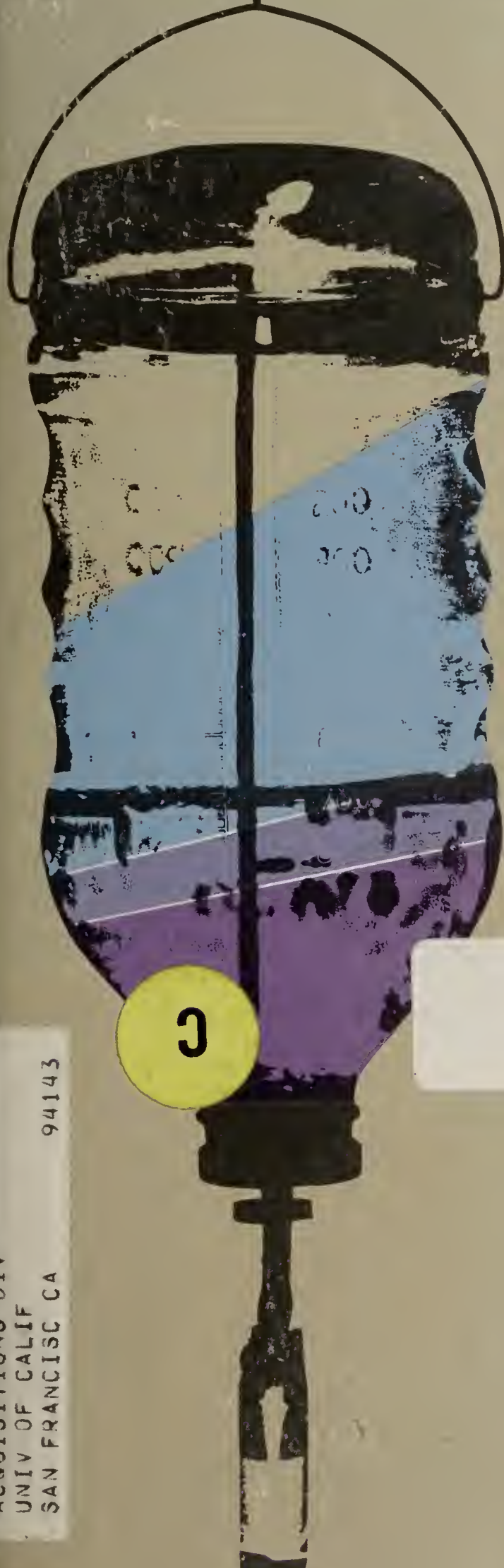
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Pennsylvania Medicine

Vol. 84, No. 5

MAY 1981



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anxiety
AND
somatic
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rapidly...

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A special quality of relief typically comes early to anxious depressed patients treated with Limbitrol. For example, core depressive symptoms—feelings of guilt and worthlessness—often respond within a week. So do insomnia, anorexia, agitation, and psychic and somatic anxiety. And as the anxious depression responds, so, often do the related somatic symptoms—headache, backache, G.I. upset, palpitations.* No less important to the patient's progress is the enhanced compliance that comes with the early sense of well-being.

With Limbitrol, these striking results are obtained without the phenothiazines contained in other dual medications. The causal relationship between the phenothiazines and extrapyramidal side effects, including tardive dyskinesia, is well established. In contrast, the reported incidence of these adverse reactions with Limbitrol or either of its components is rare.

Patients should be cautioned about the combined effects with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car.

*Data on file, Medical Department, Hoffmann-La Roche Inc

**Please see summary of product information
on following page.**

in moderate depression and anxiety

Limbitrol®^{IV}

Tablets 5-12.5 each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline
(as the hydrochloride salt)

Tablets 10-25 each containing 10 mg chlordiazepoxide and 25 mg amitriptyline
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A special quality of relief



LIMBITROL® TABLETS Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use; then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses.) Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies.

Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage; withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline; symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated. Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage at three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500, Tel-E-Dose® packages at 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

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PHYSICIAN LEADERS DY MEDICINE'S FUTURE

At the Penn Harris Inn in Camp Hill on April 22 and 23, the talk was of HMOs and IPAs, competition among physicians, and Reaganomics. Over 300 physician leaders were gathered for the 1981 PMS Officers' Conference, whose theme was "Socioeconomic Issues of the 80s." Expert speakers in this field included Robert J. Rubin, MD, special assistant to Secretary of Health and Human Services Richard Schweiker. Robert B. Hunter, MD, president of the AMA, spoke about proposed changes in the organization to meet future needs.

HAZARDOUS WASTE DISPOSAL PRIORITY' TO PMS BOARD

The Society's Board of Trustees on April 8 set a new policy by giving high priority status to the hazardous waste issue. J. Joseph Danyo, MD, Fifth District trustee, introduced the matter by telling the Board that Pennsylvania is the fourth largest producer of hazardous waste in the nation, and that it poses a greater threat than TMI. The Council on Education and Science, which studied the issue at the Board's request, will now implement the policy. See the editorial on this problem on page 26.

DOUBLE DISCOUNTED PREMIUM OFFERED TO NEW PHYSICIANS

The PMS Liability Insurance Company has increased its first year premium discount for new physicians to 40 percent. Insurance Department approval for the increase from 20 percent has been granted. A second year discount of 20 percent is extended if the physician successfully completes PMSLIC's risk management correspondence course. The effective date is July 1.

BOARD OKS SETTLEMENT MEDICAL BOARD SUIT

If the State Board of Medical Education and Licensure observes certain stipulations, the Society's suit against the board can be ended. The PMS Board on April 8 approved the settlement, which contains these major provisions: 1. Both sides will work for legislation to provide that the medical board is entitled to the interest on money it collects in registration fees and fines; 2. The state medical board will reconsider the 1980 \$50 registration fee, and any adjustment downward will be reflected in the next biennial registration; and 3. The medical board's financial reports and budget are to be made available to PMS and others. PMS first sued the medical board in December to stop the board from charging the \$50 registration fee. The suit claimed the fee was excessive in view of the board's reserves of \$3.6 million and annual budget of less than \$1 million.

WILLIAM Y. RIAL CANDIDATE FOR AMA PRESIDENT ELECT

When the AMA House of Delegates meets in Chicago next month, a Swarthmore (Delaware County) family physician will be spotlighted. William Y. Rial, MD, currently speaker of the AMA House, formerly speaker of the PMS House of Delegates, is a candidate for president elect and is not expected to be opposed. The Pennsylvania Delegation to the AMA met April 22 and will meet again May 31 to review the business to come before the House, John B. Lovette, MD, delegation chairman said.

CUTS IN MEDICARE PAYMENT
THREATEN MEDICAL SCHOOLS

Two Philadelphia teaching hospitals may be forced to close their doors unless an obscure section of the Omnibus Reconciliation Act of 1980 is changed. This is what R. Robert Tyson, MD, Philadelphia, spokesman for the medical school deans, told the Board of Trustees April 8. Temple University Hospital and the Hospital of the Medical College of Pennsylvania stand to have their physicians' payments for medicare patients cut to the level they receive for medicaid patients because medicaid patients constitute the largest percentage of their patient population. The PMS Board voted to take the problem to the AMA, to the Pennsylvania Congressional Delegation, and to the Department of Health and Human Services.

BOARD ADOPTS PROPOSALS
OF MENTAL HEALTH GROUP

Mental health patients will benefit if proposals approved by the PMS Board April 8 become reality. The recommendations came from the Board's Task Force on Mental Health and relate to five resolutions from the 1980 House of Delegates. Included for PMS support are changes in the JCAH guidelines, amendments to the Mental Health Procedures Act and Directors of Facilities Act, higher salaries and benefits for state-employed physicians, and increased insurance benefits for mental health patients by all third parties. A related article appears on page 17.

PMS BOARD REAFFIRMS
PEER REVIEW SUPPORT

Looking beyond the PSRO debate, the Society's Board on April 8 again endorsed the concept of physician peer review. The Board reaffirmed PMS support for the "concept of physician self-regulation as set forth in Section 249-F of Public Law 92-603 (Bennett Amendment). The AMA has called for elimination of Professional Standards Review Organizations (PSROs).

SOCIETY PUBLICATION
ACCOLADES CONTINUE

PENNSYLVANIA MEDICINE has been commended for "continuing excellence in design and editorial content" in the 1981 Sandoz medical journalism judging. This is the third year in a row the publication has been honored. In 1979 it won first prize in the Sandoz competition.

HEALTH DEPARTMENT
NEEDS YOUR INPUT

All the data on physician manpower in Pennsylvania relies on one survey, which formerly was mailed to physicians with the biennial registration. Now the health department's Bureau of Health Data Systems handles the survey, and forms recently were mailed to all physicians. All answers are held in strict confidence; data are used only in aggregate. The State Society, which uses the information to answer all questions on physician manpower in Pennsylvania, urges you to respond.

LOUIS HARRIS SURVEYS
PHYSICIAN ATTITUDES

You may be hearing from yet another pollster soon. The Henry J. Kaiser Family Foundation has commissioned Louis Harris and Associates to conduct a nationwide survey, which will include interviews with 1,950 physicians. The study, scheduled for this May and June, will examine physician attitudes "in light of anticipated changes in medical practice over the next years." Inquiries about the survey may be telephoned to Valeria Menza, field director for Harris, 800-223-0405.

Pennsylvania Medicine



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A quotation on the cover appeared in a column by James J. Kilpatrick in the Harrisburg Patriot, March 25, 1981. In this issue, an article on page 29 and a commentary on page 38 deal with hospital costs.

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newsfronts

Hershey physician named FDA commissioner



Pennsylvania physician Arthur Hull Hayes, Jr., MD, was appointed commissioner of the Food and Drug Administration effective April 13, 1981. Dr. Hayes was selected to head the Health and Human Services agency by Secretary Richard S. Schweiker, formerly a U.S. Senator from Pennsylvania.

Dr. Hayes is professor of medicine and pharmacology and chief of clinical pharmacology at The Milton S. Hershey Medical Center of The Pennsylvania State University. He is director of Hershey's hypertension clinic and

since 1972 when he came to Hershey, he has researched drug use to treat hypertension and heart disease, the metabolism of drugs, and the interaction of drugs.

The FDA has a \$330 million budget and 7,500 employees. It reviews drugs, biologics, veterinary medicines, medical devices, and investigates food safety.

Dr. Hayes' philosophy as he assumes his new position is to "run the FDA effectively and efficiently." He said, "I would like to see the agency promote the health of the citizens of

the United States and to protect them."

Before his briefing, Dr. Hayes has no specific predetermined goals for administration but he did suggest a need for a "new program of post marketing review of drugs, to monitor drugs after they have been approved and the public is using them."

Dr. Hayes received his undergraduate degree from the University of Santa Clara in 1955. In 1957 he earned his master's degree with honors in philosophy, politics, and economics from Oxford University. He then studied for three years at Georgetown University in preparation for earning his medical degree from Cornell University where he also was a graduate student in pharmacology.

Dr. Hayes served an internship at New York Hospital, and after two years in the U.S. Army Medical Corps he returned to Cornell-New York Hospital as a resident and fellow in medicine. He became assistant professor of medicine and associate professor of pharmacology in the medical college and the graduate school of medical sciences. He also was an associate director for academic programs at the medical college and chief of the cardiac pacemaker clinic at New York Hospital.

Author of more than 100 articles, book chapters, and abstracts, Dr. Hayes serves on the editorial boards of *Clinical Pharmacology and Therapeutics*, *Journal of Clinical Pharmacology and Therapeutics*, and *Practical Therapeutics*. In March 1981 he completed his term as president of the American Society of Clinical Pharmacology and Therapeutics. Last year he was elected to a five-year term as one of six members of the board of trustees of the U.S. Pharmacopeial Convention, the nation's drug standard-setting organization.

MS Credit Union holds meeting, elects officers

The PMS Credit Union held its third annual meeting on March 19, 1981. Credit Union President William A. Shaver, MD, reported optimism for the



DR. SHAVER

Retarded citizens plan convention in Pittsburgh

The Pennsylvania Association for Retarded Citizens (ARC) will hold its 31st Annual Convention June 11-14, 1981 at the Holiday Inn-Greentree, Pittsburgh.

Robert Perske, president of Connecticut ARC, will open the session with a discussion of group homes in local communities, "New Life in the Neighborhood."

Lynne Isbell, past ARC president and a parent of a mentally retarded child, will speak at the Youth ARC meeting on Friday.

The program also will include workshops, seminars, training sessions, and an update on the Pennhurst case. For further information contact Nancy Hoehn, Convention Committee, Pennsylvania Association for Retarded Citizens, 1500 North Second Street, Harrisburg, PA 17102.

future of the credit union despite loan delinquency problems during the past year.

Dr. Shaver noted that a strict loan policy has been adopted to remedy the delinquency problem and that the credit union's goals for 1981 are to reduce the delinquencies and increase the dividends to savers.

Credit Committee Chairman Donald G. Crawford, MD, reported the credit union loaned a total of \$204,287.57 in 1980 in 96 loans. Twenty-six percent of loans granted were for cars, and 31 percent were for

home improvements. Of the loans granted during 1980, none was delinquent.

Elected to the credit union's board of directors at the meeting were Carol Dolack, RN, David H. Small, and Kenneth B. Jones, Esq. Thomas F. Fletcher, MD, was elected for a three-year term on the Credit Committee and Mrs. Doris N. Grandon was elected to fill the one-year unexpired term of Donald G. Crawford, MD, who resigned. Elected for a three-year term on the Supervisory Committee was G. Winfield Yarnall, MD.

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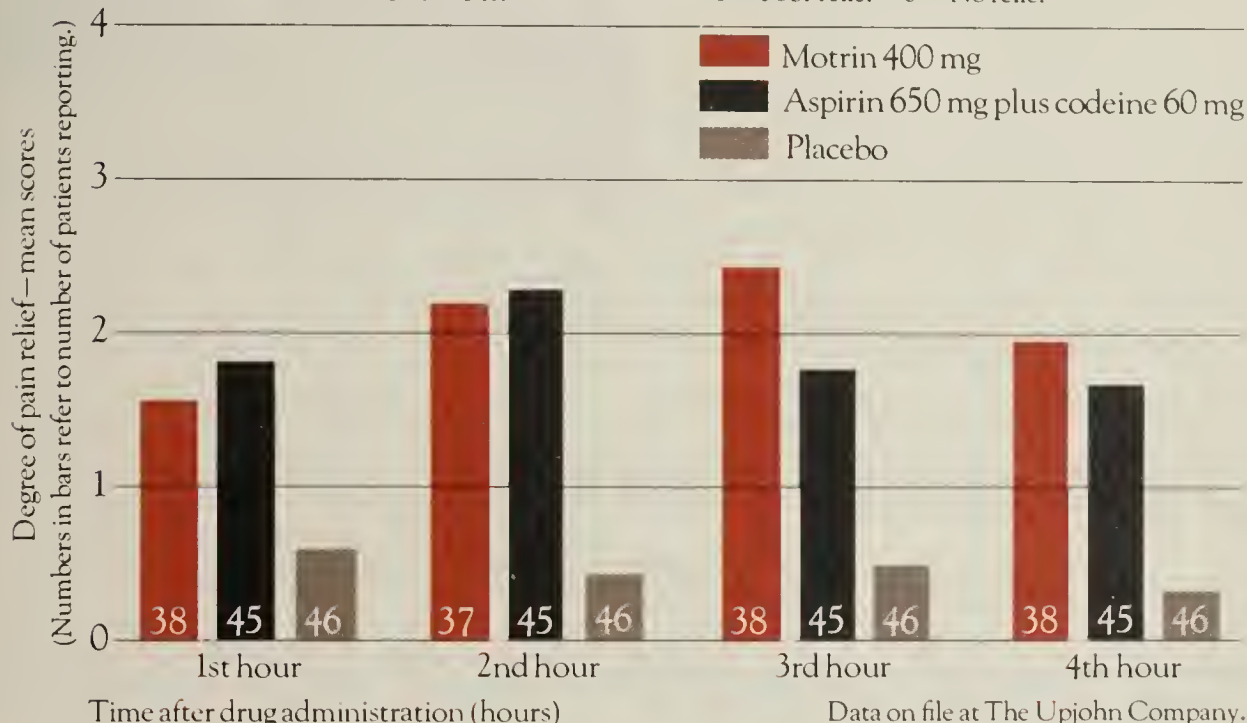
In this double-blind, placebo-controlled, randomized study, no statistically significant difference in relief of pain was noted at 1, 2, and 4 hours between the Motrin and aspirin-with-codeine groups... with Motrin being significantly more effective ($p = 0.03$) at the three-hour interval.

Active treatment was significantly more effective ($p < 0.0001$) than placebo at all time intervals.

Comparison of pain relief

Motrin vs aspirin-codeine combination

4 = Excellent relief 3 = Good relief 2 = Fair relief 1 = Poor relief 0 = No relief



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For relief of mild to moderate pain:

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Please turn the page for a brief summary of prescribing information.

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now proved an effective analgesic for mild to moderate pain

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Indications and Usage: Relief of mild to moderate pain.

Treatment of signs and symptoms of rheumatoid arthritis and osteoarthritis during acute flares and in long-term management. Safety and efficacy have not been established in Functional Class IV rheumatoid arthritis.

Contraindications: Individuals hypersensitive to it, or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin or other nonsteroidal anti-inflammatory agents (see WARNINGS).

Warnings: Anaphylactoid reactions have occurred in patients with aspirin hypersensitivity (see CONTRAINDICATIONS).

Peptic ulceration and gastrointestinal bleeding, sometimes severe, have been reported. Ulceration, perforation, and bleeding may end fatally. An association has not been established. Motrin should be given under close supervision to patients with a history of upper gastrointestinal tract disease, only after consulting ADVERSE REACTIONS.

In patients with active peptic ulcer and active rheumatoid arthritis, nonulcerogenic drugs, such as gold, should be tried. If Motrin must be given, the patient should be under close supervision for signs of ulcer perforation or gastrointestinal bleeding.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue Motrin and the patient should have an ophthalmologic examination, including central visual fields.

Fluid retention and edema have been associated with Motrin; use with caution in patients with a history of cardiac decompensation.

Motrin can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and those on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, blurred vision or other eye symptoms, skin rash, weight gain, or edema.

To avoid exacerbation of disease or adrenal insufficiency, patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin is added.

Drug interactions. *Aspirin:* Used concomitantly may decrease Motrin blood levels. *Coumarin:* Bleeding has been reported in patients taking Motrin and coumarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy nor by nursing mothers.

Adverse Reactions

Incidence greater than 1%

Gastrointestinal: The most frequent type of adverse reaction occurring with Motrin is gastrointestinal (4% to 16%). This includes nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of the GI tract (bloating and flatulence). **Central Nervous System:** Dizziness,* headache, nervousness. **Dermatologic:** Rash* (including maculopapular type), pruritus. **Special Senses:** Tinnitus. **Metabolic:** Decreased appetite, edema, fluid retention. Fluid retention generally responds promptly to drug discontinuation (see PRECAUTIONS).

*Incidence 3% to 9%.

Incidence less than 1 in 100

Gastrointestinal: Upper GI ulcer with bleeding and/or perforation, hemorrhage, melena. **Central Nervous System:** Depression, insomnia. **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme. **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure. **Special Senses:** Amblyopia (see PRECAUTIONS). **Hematologic:** Leukopenia, decreased hemoglobin and hematocrit.

Causal relationship unknown

Gastrointestinal: Hepatitis, jaundice, abnormal liver function. **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities. **Dermatologic:** Alopecia, Stevens-Johnson syndrome. **Special Senses:** Conjunctivitis, diplopia, optic neuritis. **Hematologic:** Hemolytic anemia, thrombocytopenia, granulocytopenia, bleeding episodes. **Allergic:** Fever, serum sickness, lupus erythematosus syndrome. **Endocrine:** Gynecomastia, hypoglycemia. **Cardiovascular:** Arrhythmias. **Renal:** Decreased creatinine clearance, polyuria, azotemia.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine, so alkaline diuresis may be beneficial.

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THE
TRAVELERS

New MCP president spokesman for poor

Dr. Maurice C. Clifford, MD, Philadelphia physician and civic leader, was inaugurated as the 17th president of the Medical College of Pennsylvania during an academic convocation on May 13 at the Academy of Music, Philadelphia.

Dr. Clifford has been a member of the MCP faculty and staff for the past 15 years and is clinical professor of obstetrics and gynecology and vice president for medical affairs. Until 1975, he also had maintained a private obstetrical and gynecological practice in Mt. Airy.



The American Foundation for Negro Affairs recently honored Dr. Clifford with its Distinguished American Award. He also is the recipient of the Outstanding Service Award of the Philadelphia Branch of the National Association for the Advancement of Colored People and the Dr. Martin Luther King, Jr. Award given by PUSH for Excellence, Inc.

Dr. Clifford also was recognized recently by the Educators' Roundtable Association with its Dr. William H. Gray, Jr. Award and by the George Washington Carver Committee with its George Washington Carver Award for scientific achievement.

Dr. Clifford is a spokesman for the special health care needs of the poor and disadvantaged. He is a member of the board and former president of the Philadelphia Council for Community Advancement.

He is a native of Washington, DC and a graduate of Hamilton College in Clinton, New York, and Meharry Medical School in Nashville, Tennessee.

Ethical opinions in new AMA booklet

Three significant bioethical opinions of the AMA Judicial Council are available now and are included in a new publication, *Current Opinions of the Judicial Council*. The opinions concern the allocation of health resources by physicians, the quality of life and terminal illness.

A brief description of each opinion follows.

"A physician has a duty to do all that can be done for the patient 'without legal responsibility for equitable distribution of society's limited health resources.' Limited resources should be allocated on the basis of fair and humanitarian criteria. 'Priority should be given to persons who are most likely to be treated successfully or have long term benefit. Social worth is not an appropriate criterion.'

"A patient's coma is beyond doubt irreversible and there are adequate safeguards to confirm the accuracy of the diagnosis, all means of life support may be discontinued."

Copies of these opinions are available from the Secretary to the Judicial Council, American Medical Association, 535 Dearborn St., Chicago, IL 60610.

"Quality of life should be considered in determining what is best for seriously deformed newborns or persons who are severely deteriorated victims of injury, illness, or advanced age. The decision 'whether to treat a severely defective infant and exert maximal efforts to sustain life should be the choice of the parents.'

"In treating the terminally ill incompetent patient, 'the physician should consider what the possibility is for extending life under humane and comfortable conditions and what are the wishes and attitudes of the family or those who have responsibility for the custody of the patient. Where a terminally ill pa-

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In some malpractice suits, CAT Fund is primary insurer

Sarah H. Lawhorne

Section 605 of Act 111 of 1975 was written in the hope it would stabilize the insurance market and induce greater competition in Pennsylvania while assuring continued insurance coverage to health care providers and consumers. To date, few claims have come under the purview of Section 605. It appears, however, that the procedures established by the CAT Fund to deal with these claims will satisfy the goals of the legislation. Although there may be areas which require further attention, and perhaps legislative activity, it appears that the overall impact of Section 605 is favorable.

The state-operated Catastrophe Loss Fund now can become a primary insurer in certain medical malpractice cases under a little known section of Pennsylvania's medical malpractice law.

The medical malpractice claim filed against a physician and arising from medical services rendered in 1976 may be entirely defended and paid by the Medical Professional Liability Catastrophe Loss Fund (CAT Fund) without participation or contribution by the physician's professional liability carrier. This is a result of a provision of the Health Care Services Malpractice Act of 1975 (Act 111).¹

Pursuant to Section 605 of Act 111, the obligation to defend and pay a claim against a health care provider as defined by Act 111² may be shifted from the basic insurance carrier to the CAT Fund if the *claim is made more than four years after the occurrence*, i.e., more than four years after the breach of contract or tort which gives rise to the claim. January 14, 1980 was the first day any claim could be made more than four years after the occurrence and be subject to the provisions of Act 111, because the Act applies only to injuries or deaths arising from services rendered, or which should have been rendered, on or after its effective date which was January 13, 1976.

Section 605 was intended to respond to the concerns of insurance carriers and the medical community regarding

the long "tail" of liability associated with professional liability insurance. In general, the statute of limitations for personal injury or wrongful death actions filed in Pennsylvania requires that a claim be filed within two years of the date of the occurrence. Although this standard applies easily in most litigation, medical injuries are unique in that the injury may not become known until long after the treatment is rendered. Accordingly, a claim for medical malpractice only need be filed within two years of the *discovery* of the alleged malpractice, that is, within two years of the time the claimant knew or reasonably should have known of the problem.

This liberal interpretation of the statute of limitations permits claims to be made many years after the occurrence, thus creating a long "tail" of liability. Although over 92 percent of all claims are made within four years of the occurrence, the remaining cases make up in complexity for what they lack in quantity. For example, given the erratic effects of inflation and recent case law indicating that inflation and increased productivity may be considered in the computation of an award,³ it is difficult to determine the ultimate risk to be attributed to these claims. The defense of such a claim also is complicated by the fact that as

time passes, recall of events diminishes and witnesses may be unavailable. These aspects of the long "tail" all add to the cost of insurance.

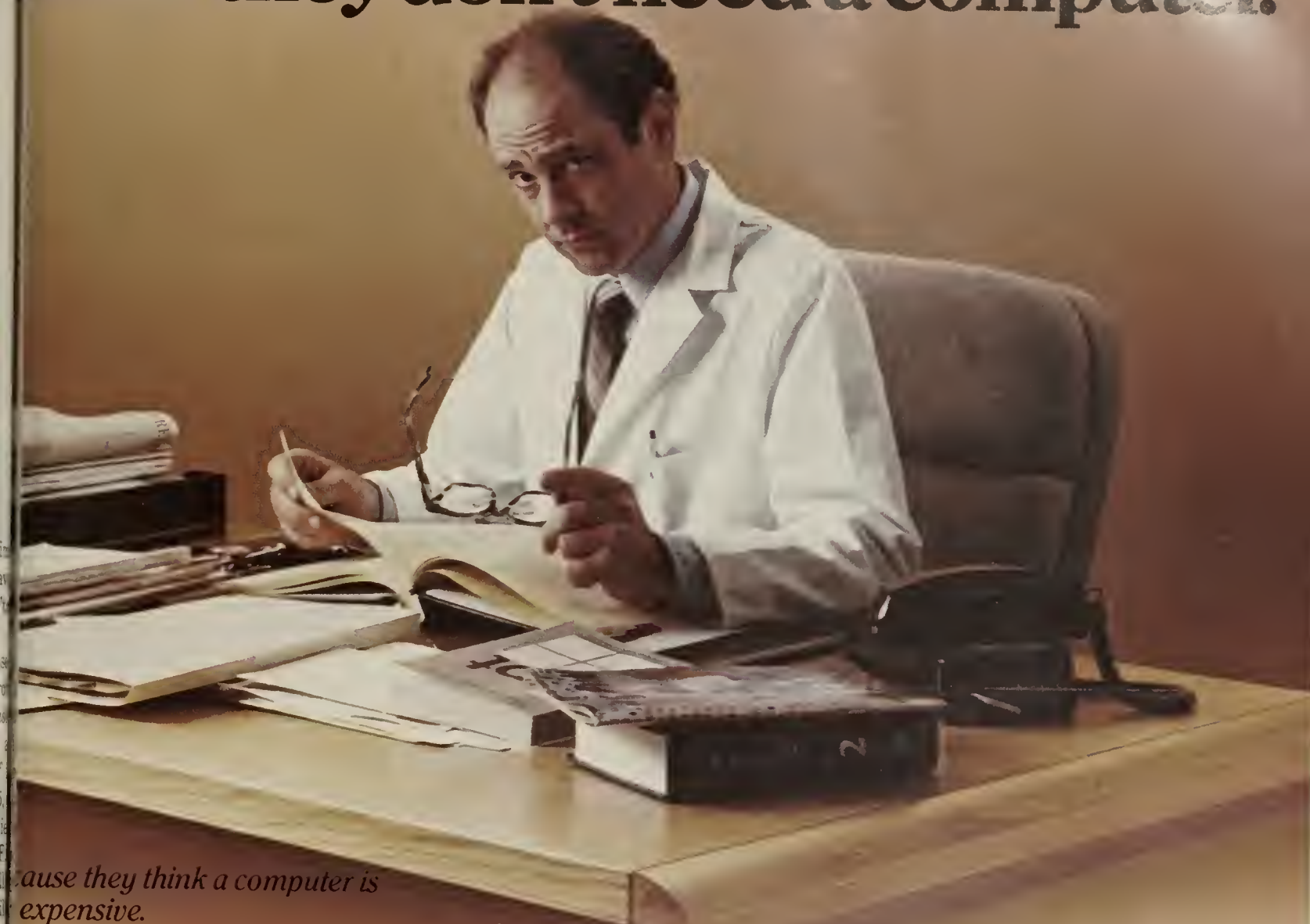
Inasmuch as one stated purpose of Act 111 is to "make available professional liability insurance at a *reasonable cost . . .*," the legislature addressed this potential source of increases by drafting Section 605, to provide a means whereby carriers could moderate premium rates. Further, a limit upon potential liability was perceived as a method to stabilize the market and encourage commercial carriers to write malpractice insurance in Pennsylvania.

Commercial carriers have entered Pennsylvania for a variety of reasons, one of them being Act 111, and specifically Section 605. The stabilization of the malpractice market and the presence of increased competition have worked to moderate insurance costs to the benefit of physicians. Of course, this must be viewed in light of the fact that *any* payment made by the CAT Fund is paid with dollars generated by the collected surcharge assessed against health care providers. Since all physicians are concerned about that surcharge, they should know how Section 605 works.

If a physician performed surgery on February 20, 1976 and on March 1, 1980, a claim was made against him alleging negligent performance of surgery, he would notify his insurance

The author is general counsel and secretary of the PMS Liability Insurance Company.

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carrier of the claim in accordance with general procedures. The carrier then would notify the CAT Fund. Counsel for both the carrier and the CAT Fund would review the facts to determine whether the claim would come within the purview of Section 605. Should the claim be determined to be subject to Section 605, the obligation to investigate, defend, and pay the claim would be shifted to the CAT Fund, regardless of the terms of the physician's policy in effect in 1976. Thus, the role of the primary carrier is terminated upon transfer of the claim to the CAT Fund.

The CAT Fund will assign the claim to private counsel in keeping with an informal opinion from the attorney general that employees of the attorney general may not defend private citizens, or, in this case, the defendant health care providers. Therefore, the defense counsel handling the claim for the CAT Fund may be the same counsel presently providing services to physicians' basic carriers.

The claim then will be investigated and defended, if appropriate, or settled in accordance with general insurance procedures. Any judgment, settle-

ment, or award within the Fund's limits will be paid at the end of the year. The attorney general, however, has issued an informal opinion that the CAT Fund cannot pay any amount in excess of the \$1 million limit provided in Act 111. Accordingly, the health care provider may lose the benefit of the \$100,000 layer of coverage normally provided by the basic limits carrier.

For example, if an award was entered necessitating payment of \$1,100,000, and the claim was made within four years, the basic carrier would contribute \$100,000 on behalf of the defendant; the CAT Fund would contribute \$1 million and the claim would be paid in full. If the claim was made more than four years after the occurrence, however, the CAT Fund would pay only \$1 million and the defendant then would become liable for the remaining \$100,000. This aspect of Section 605 may be deserving of further attention from the medical community and the Pennsylvania Medical Society.

Section 605 is intended to help stabilize the insurance market and in-

duce greater competition in Pennsylvania while assuring continued insurance coverage to health care providers and consumers. To date, few claims have arisen which come under the purview of Section 605. It appears, however, that the procedures established by the CAT Fund to deal with these claims will satisfy the goals of the legislation. Although there may be areas which require further attention and perhaps legislative activity, it appears that the overall impact of Section 605 is favorable.

This brief article is intended to familiarize physicians with one aspect of Act 111 which previously received little attention because it did not have an impact until January 14, 1980. It is now expected to take on greater significance as cases filed under the provisions are reported to and paid by the CAT Fund.

1. 40 P.S. §1301.101 *et seq.*

2. This article uses the term "physician" throughout. The reader should note that the provisions of Act 111 apply to all health care providers as defined in the Act, including physicians, podiatrists, hospitals, nursing homes, and primary health care centers.

3. *Kaczowski v. Bolubasz* No. 116, March Term, 1980, decided September 22, 1980.

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tion and collapse) can occur even with the usual therapeutic dose. Alcohol may enhance this. Drug rash and/or exfoliative dermatitis may occasionally occur.

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Reference: 1. Hellerstein HK, Friedman EH. Sexual activity and the postcoronary patient. Arch Intern Med 125:987, 1970.

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Physician ultimately responsible in mental health clinic

The ultimate responsibility for patient care in mental health clinics as everywhere rests with the physician. The physician assumes this responsibility by so small an act as signing a patient's prescription or the Medical Assistance or third party payer claim form.

Responding to resolutions adopted at the 1980 meeting of the PMS House Delegates, the Pennsylvania Psychiatric Society (PPS) in two recent letters to its membership, discussed the problems which can arise if that responsibility is shirked. Though the letters were sent only to psychiatrists, other physicians may be involved because of their positions in the state and community mental health clinics, said Carol N. Maurer, D. Dr. Maurer is the State Society's 10th District Trustee and chairman of the recently appointed PMS Task Force on Mental Health.

Stanley P. Laucks, MD, PPS president, said in the first letter, dated November 26, 1980, that the society feared there might be developing a breach of "accepted ethical practice standards in psychiatry by the type of practice which is requested of psychiatrists in the state and community systems."

As the number of psychiatrists in these systems diminishes, those remaining must extend themselves, and have been asked to assume responsibility for direct patient care rendered by nonphysicians.

In a letter to the membership dated

March 11, 1981, the PPS Executive Committee expanded on the theme of physician responsibility. Quoting Scott H. Nelson, MD, DPW deputy secretary for mental health, the letter said, "The individual psychiatrist has . . . the duty and responsibility to be sure that the amount of supervision and the particular individual supervised meets his standards for provision of adequate care . . . and as director of treatment services to assure that the diagnosis is correct and that the treatment plan is adequate."

Dr. Nelson quoted Gerald F. Radke, deputy DPW secretary for Medical Assistance, pointing out that "all psychiatric clinic services are required by regulations to be under the direction of a psychiatrist."

The Executive Committee's letter also quoted officials of companies who write professional liability insurance for many psychiatrists. William P. Muhl of the Joseph A. Britton Agency (representing Vigilant Insurance Company) said:

A psychiatrist employed by a community mental health center or any institution where he signs forms for a third party payment of services rendered by non-psychiatric mental health workers does increase his professional liability exposures. This is by virtue of the fact that, in many cases, the psychiatrist has not seen the patient, however, is attesting to a diagnosis and method of treatment as stated in the forms.

Sarah H. Lawhorne, Esq., general

counsel of the Pennsylvania Medical Society Liability Insurance Company, said, "... compliance with these (DPW) regulations would seem to require a degree of involvement by the psychiatrist which could render him ultimately responsible for the accuracy of the diagnosis and the appropriateness of the treatment."

Subsequently, Richard D. Ellison of the Medical Protective Company said: Whenever doctors place their names on forms consenting to a diagnosis or a course of treatment they are assuming some responsibility and they will no doubt be held liable if something goes wrong . . . The Pennsylvania Department of Public Welfare seems to be placing an undue burden on doctors. If this new, extra liability handed to the doctors is of minor consequence, then the department should have no strong objection to indemnifying the doctors for performing this "signing service" for the department's benefit.

The Executive Committee letter concluded by listing the following guidelines for psychiatric patient care:

- Take an *active role* in the *development of treatment plans* for every patient entering the mental health system.
- Enforce *strict protocols* for services, emergencies, and referrals.
- Ensure that every patient receives *adequate medical evaluation* and that medical aspects of treatment are performed by or actually supervised by a physician.
- Ensure that nonphysician mental health care providers whether or not in the physician's employ understand that the *physician is ultimately responsible* for the care of the patient.
- Ensure that nonphysician mental health care providers not in the physician's employ are appropriately *covered by liability insurance*, thus lessening the burden on the physician's policy.
- *Do not sign* anything related to the treatment of a patient (medication orders, treatment plans, commitment forms, payment authorization) without assurance that it meets the standards of quality medical practice.

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Board sets PMS policy on recently proposed bills

The PMS Board of Trustees set policy on proposed legislation affecting medicine at its April 8 meeting.

The Board acted on recommendations of the Council on

Legislation. The bills, listed below, were introduced in the State Senate or House of Representatives between the opening of the current session, January 7, and March 25.

<i>Concerning</i>	<i>Bill No.</i>	<i>Explanation</i>	<i>Council Recommendation</i>	<i>Board Action</i>
ABORTION	S-238	Requires every physician and facility treating women to report complications thought to have occurred as a result of an abortion.	Opposition	Opposition
AMPHETAMINES	S-412	Prevents "practitioners" from selling, dispensing, or prescribing amphetamines.	Opposition—objects to "practice" being written into law	Opposition
MEDICAL EXAMINER	S-253	Replaces the elected coroner in counties of the second class with an appointed medical examiner.	No position	No position
	H-795	Creates a statewide medical examiner system.	Refer to Council's Committee on Medical Examiner	Referred to Council's Committee on Medical Examiner
MEDICAL INSURANCE, DRUG ABUSE	H-665 H-299 H-877	Requires those writing medical insurance to include coverage for treatment of drug and alcohol abuse.	Support	Support
MEDICAL STUDENTS	H-311	Amends the "Pennsylvania Higher Education Assistance Act" to incorporate provisions of the federal "Health Professions Educational Assistance Act."	Support	Support
NO-FAULT AUTO INSURANCE	S-197	Amends the "Pennsylvania No-Fault Motor Vehicle Insurance Act" to include "chiropractic care" under the definition of mandated "medical and vocational rehabilitation services."	Opposition	Opposition
NURSE MIDWIVES	S-361	Provides for reimbursement by insurance companies for services performed by "licensed certified nurse midwives."	Opposition	Opposition
PASSENGER RESTRAINTS - CHILDREN	S-592	Requires the use of child restraint systems when children under 40 lbs. in weight ride in passenger cars.	Refer to Interspecialty Committee	Support the concept
RAPE COUNSELORS - CONFIDENTIALITY	H-213	Makes communications with rape counselors confidential.	Support in principle	Support in principle
REGULATION REVIEW	S-1	Creates an "Independent Regulatory Review Commission" to review prior to promulgation all rules and regulations of departments, boards, and commissions.	Support in principle	Support in principle
RUBELLA	H-391	Amends the "Marriage Law" to require advising female marriage license applicants of rubella testing.	Support	Support

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Court upholds revocation of physician's license

Daniel J. Menniti, PhD, JD

Peter T. DeMarco, MD, a physician who had been licensed in Pennsylvania and New Jersey, appeared before Commonwealth Court on April 5, 1979 to appeal the revocation of his license by the State Board of Medical Education and Licensure on May 24, 1978.¹

Dr. DeMarco's New Jersey license was revoked on January 28, 1978, after 27 days of hearings before the New Jersey board. One of the reasons for the revocation was an outbreak of hepatitis among Dr. DeMarco's patients. The New Jersey Board found the outbreak "to have resulted from unprofessionally unsanitary practices."

The Pennsylvania Board decision was based on a section of the Medical Practice Act which gives the Board authority "to refuse, revoke, or suspend the license of a physician for . . . having his license to practice medicine and surgery revoked or suspended or having other disciplinary action taken, or his application for a license refused, revoked, or suspended by the proper licensing authority of another state, territory, or country."²

The Commonwealth Court thus summarized the issue on appeal:

May the Pennsylvania board revoke a physician's license without hearing any evidence regarding his

practice as a physician in Pennsylvania, solely upon the basis of the revocation of his license in New Jersey for acts which occurred there before he began practice in Pennsylvania?

Dr. DeMarco complained that the Pennsylvania Board revoked his license without hearing any evidence regarding his practice in Pennsylvania and that the evidence used by the Board concerned matters which occurred outside the Commonwealth. Apparently, he also appealed on the grounds that Pennsylvania's action amounted to a delegation of the authority of the Pennsylvania Board to the New Jersey Board.

Commonwealth Court rejected the latter contention when it reasoned that the statute was an authorization to a Board and not a command. Moreover, the Court viewed the statute as providing that a physician licensed in the Commonwealth and another jurisdiction must remain in good standing in all other jurisdictions "and his failure to do so, at least for reasons which would warrant revocation in Pennsylvania, can justify

The author is associated with Pepper Hamilton & Scheetz, legal counsel to the State Society.

withdrawal of his Pennsylvania license to practice."

Commonwealth Court, stating that "geographical distinctions are irrelevant to the quality of professional conduct," upheld the revocation of the Pennsylvania license because the revocation in New Jersey was for reasons which would be unprofessional conduct under Pennsylvania law. The Court cited a New York case which held "it would make no sense to require the regulatory agency to ignore misconduct committed outside this state."³

Dr. DeMarco also objected that his loss of professional status occurred before he began his practice in Pennsylvania. The Court responded that unless such conduct were extremely remote in time, which was not true in Dr. DeMarco's case, the objection could not stand. The Court also reasoned, "the conduct in question took place during the period that the physician had a Pennsylvania license."

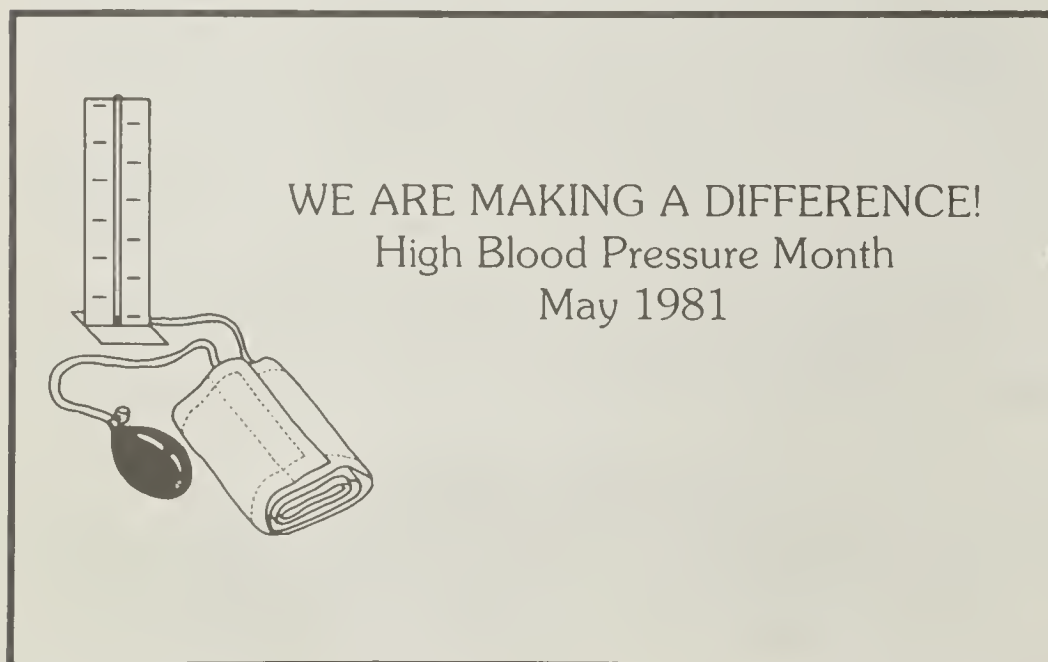
Dr. DeMarco asked both the Pennsylvania and the U.S. Supreme Courts to consider an appeal from the Commonwealth Court decision. Both courts refused. He then filed suit in U.S. District Court seeking damages from the state for depriving him of his earning power. This suit is pending.

Pennsylvania physicians should review the laws outlining the reasons for license revocation in the Commonwealth. Besides revocation of license by another state or country, the Court mentioned: failure to demonstrate qualifications; fraud or deceit; conviction of a felony in Pennsylvania or elsewhere; inability to practice safely by reason of mental or physical incapacity; drunkenness or drug addiction; violation of regulations; association with violators or unlicensed person practicing medicine; and immoral or unprofessional conduct.

1. *Peter T. DeMarco, MD v. Commonwealth of Pennsylvania, State Board of Medical Education and Licensure*, ___ Pa. Comm. ___, ___ A. 2d ___ (1979).

2. 63 P.S. 421.5 (a).

3. *Miles v. Nyquist*, 400 N.Y.S. 2d 868, 871, 60 A.D. 2d 133 (1979).



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Physician fights against prescription drug abuse

Arnold W. Cushner

When his office was set afire by suspected arsonists in search of drugs and prescription pads, PMS member John Karlavage, MD, of Mahanoy City, decided that it was time to do what he could as a physician to fight against prescription drug abuse.

"The problem that most concerns me as a physician," says Dr. Karlavage, "is the abusive use of prescription drugs — particularly amphetamines, but also methaqualone and some analgesics."

The seriousness nationwide of the prescription drug problem was brought home to Dr. Karlavage at a White House Conference — "Prescription Drug Misuse, Abuse, and Diversion" — held in November of last year. One statistic cited at the conference was that eight of the top ten drugs reported by medical examiners as responsible for death were prescription drugs.

Retail level abuse

"What is distressing," says Dr. Karlavage, "is that most of the diversion of prescription drugs that leads to abuse occurs at the retail (that is, the physician/pharmacist) level."

But while distressing, this must not be considered a general indictment either against all physicians or all pharmacists, Dr. Karlavage says. "In fact," he says, "less than 2 percent of medical practitioners and retail pharmacists account for a large proportion of this diversion."

Three types of problem practitioners have been identified according to Dr. Karlavage: "The smallest number are those having criminal intent — they are drug pushers and should be treated as criminals. It must be emphasized, though, that this is a tiny

percentage of practitioners.

"A second group is impaired practitioners who have a drug problem of their own — again, a small minority.

"The majority of problem dispensers are physicians, dentists, and pharmacists who have no criminal intent. Through a lack of knowledge, sloppy office controls, or an inability to resist outside pressures, they allow controlled drugs to be excessively available and enter the illicit market."



DR. KARLAVAGE

Distribution list

Also made available at the White House Conference attended by Dr. Karlavage was a distribution list of selected drugs (Table 1). This list was compiled by the Federal Drug Enforcement Administration from a computerized record of manufacturers' and distributors' reports of retail purchases. The list ranks, according to zip codes, the ten highest distribution areas in the United States.

The author is on the staff in the PMS Communications Division.

"The prominence of two Philadelphia zip code areas and one Pittsburgh zip code area suggests the availability of prescription drugs susceptible to diversion for illicit use in Pennsylvania," says Dr. Karlavage.

The federal government can exert some control, such as scheduling or removal of indications for a particular substance, to reduce some of the illicit diversion, but the real solution of the problem rests with each state, according to Dr. Karlavage.

"In Pennsylvania this requires," he says, "coordination and cooperation of the Governor's Council, the Pennsylvania Medical Society and other professional groups, and the pharmaceutical industry."

Model legislation

As a first step, Dr. Karlavage envisions a model bill drafted in cooperation with PMS. When enacted, the bill would control the prescribing and dispensing of amphetamines. Regulatory and legislative actions have been effective in other states in controlling the diversion of these drugs. Dr. Karlavage points to the Wisconsin experience.

"Wisconsin's concern," explains Dr. Karlavage, "began with Milwaukee law enforcement reports of illicit availability and high physician purchases of a schedule II amphetamine product, Biphedamine 20. Computerized information on all physician and pharmacy purchases of amphetamines was obtained from the Federal Drug Enforcement Administration. Computer mapping techniques and pharmacy audits revealed extraordinary prescribing and dispensing patterns.

"Subsequently, controls were

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White House conference examines drug diversion

Every year about 300 million prescription drug dosage units are diverted from legal channels to unauthorized users.

But it is not always pill-pushing "script doctors," criminally-minded pharmacists, or addicted physicians who are responsible for the diversion.

The source of this drug problem often is the average physician or neighborhood pharmacist, experts at a White House "Conference on Prescription Drug Misuse, Abuse, and Diversion" agreed.

A primary goal of the Washington conference was to examine existing state efforts at monitoring prescription drug use.

applied to Title XIX (Medical Assistance) prescriptions, and restrictions were placed on the medical use of amphetamines.

"As a result, retail purchases decreased more than 90 percent, and local law enforcement officials reported sharp drops in the illicit availability of prescription amphetamines as well as in amphetamine-related arrests."

Wisconsin's success in controlling the diversion of amphetamines involved the participation and cooperation of both state government and the involved professions, represented by the professional societies. The Wis-

consin Medical Society played an important role, says Dr. Karlavage.

"A similar success can be achieved in Pennsylvania," he asserts. "But here, as in Wisconsin, it will require the participation and cooperation of the medical society.

"Controlling abuse of amphetamine prescribing, as well as the prescribing of other drugs that have a high potential for abuse, is possible in Pennsylvania, but it will require a state law," says Dr. Karlavage, "one that is consistent with good medical practice and one that is acceptable to PMS."

One possibility suggested by Dr. Karlavage is a law that gives the Sec-

retary of Health — who by law must be a physician — the power to issue regulations governing the prescribing of drugs whose abuse has been demonstrated convincingly.

Beyond legislation, Dr. Karlavage perceives an important role for physician education with regard to all drugs that have a potential for illicit diversion. "For instance," he says, "doctors have a choice of analgesics, a choice between the central acting analgesic whose abuse potential is recognized and the peripheral acting drugs which have little or no abuse potential. Emphasizing the drug choices available to physicians can go a long way toward alleviating prescription drug abuse.

Dr. Karlavage also believes that programs should be instituted in medical schools to inform students of the abuse potential that exists with prescription drugs. Dr. Karlavage has already explored with the dean of his medical school, Jefferson, the possibility of such an educational program.

Dr. Karlavage stresses that the key to eliminating the prescription drug abuse problem is cooperation between government and medicine. "The contribution of PMS is crucial," he asserts, "if we are to derive the health benefits of prescription drugs, and to eliminate all of the possible abuses."

Table 1
Ten Zip Code Areas Ranked Highest in Distribution of Selected Drugs

Drug	Rank									
	1	2	3	4	5	6	7	8	9	10
DI-amphetamine base (1121)	191/PA	917/CA	432/OH	900/CA	752/TX	100/NY	906/CA	902/CA	441/OH	482/MI
Phenmetrazine base (1631)	900/CA	606/IL	191/PA	770/TX	482/MI	604/IL	752/TX	600/IL	902/CA	432/OH
Methylphenidate (1724)	900/CA	191/PA	480/MI	902/CA	606/IL	490/MI	941/CA	212/MO	770/TX	331/FL
Amobarbital (2125)	100/NY	191/PA	021/MA	480/MI	482/MI	631/MO	481/MI	900/CA	190/PA	402/KY
Secobarbital (2315)	900/CA	100/NY	191/PA	331/FL	112/NY	902/CA	104/NY	941/CA	606/IL	482/MI
Methaqualone (2565)	900/CA	100/NY	331/FL	191/PA	902/CA	770/TX	330/FL	941/CA	190/PA	452/OH
Codeine base (9062)	900/CA	606/IL	482/MI	480/MI	945/CA	770/TX	481/MI	941/CA	902/CA	972/OR
Dihydrocodeinone (9130)	958/CA	950/CA	945/CA	956/CA	949/CA	191/PA	951/CA	606/IL	112/NY	954/CA
Oxycodone (9143)	021/MA	191/PA	152/PA	331/FL	441/OH	770/TX	100/NY	070/NJ	480/MI	850/AZ
Dihydromorphinone (9150)	770/TX	200/DC	331/FL	100/NY	191/PA	900/CA	021/MA	330/FL	333/FL	482/MI

1978 data from ARCOS. The total three digit zip codes in U.S. exceeds 760.

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editorial

Waste disposal demands effective management now

J. Joseph Danyo, MD, PMS trustee of the Fifth District mailed a report to the presidents and secretaries of county medical societies in the Fifth District on January 20, 1981. This statement concerned hazardous waste disposal in Pennsylvania and suggested that the Pennsylvania Medical Society "regard the hazardous waste issue with high priority."

In a highly industrialized state like Pennsylvania, waste disposal is a vital public issue. Locating and monitoring of industrial waste are two problems that must be solved. In addition, nuclear waste disposal has become a critical issue for Pennsylvanians and, indeed, for the entire nuclear industry. What to do with nuclear waste has been an unanswered question since the dawn of the atomic age in 1945. For Pennsylvania, the answer will have to be faced perhaps sooner than anticipated.

The accident at Three Mile Island has drawn into clear focus the problem of radioactive waste. The clean-up process for the facility will require immense amounts of equipment (lead bricks and blankets, plastic coveralls and boots, rubber gloves, breathing devices, etc.) which, in turn, will be contaminated during use. Disposal of this tremendous volume of low level waste will be yet another difficult problem.

Safe disposal of the damaged fuel, however, is the major problem. Low level waste has been shipped to nuclear burial sites in other parts of the country, notably Hanford, Washington, and spent fuel has been stored in special pools of water on the reactor site. But there seems to be no long term solution to the problem.

Many states already have refused to accept any more outside radioactive waste and it is likely that other states will follow this policy. South Carolina refused TMI waste shortly after the accident. Transporting waste from reactors to disposal sites, possibly distances of thousands of miles, carries the risk of vehicle accident and major radiation exposure from breached containers. On site storage of waste will soon become impractical since as many as 20 reactors may be out of storage space by 1984.

Commercial reprocessing of spent fuel was curtailed in April 1977 by President Carter in an effort to reduce nuclear proliferation. The alternatives that remain are to (1) send the waste into space, (2) dump it in canisters into the sea or (3) bury it in dry, stable "mines". None of these solutions is without risk. Whatever solution is chosen, it must be a relatively permanent answer that satisfactorily keeps the radioactive residues away from man for about 500 years.

There is no temporary answer to the hazardous waste problem. A safe disposal solution has not yet been found and one is desperately needed. Although nuclear waste problems are the most acute at present for Pennsylvania, industrial pollutants, like the acid rain and pesticide poisoning of the environment, cannot be overlooked. This is a public health issue that affects not only this generation but also generations to come. It must be managed effectively now.

David A. Smith, MD
Medical Editor

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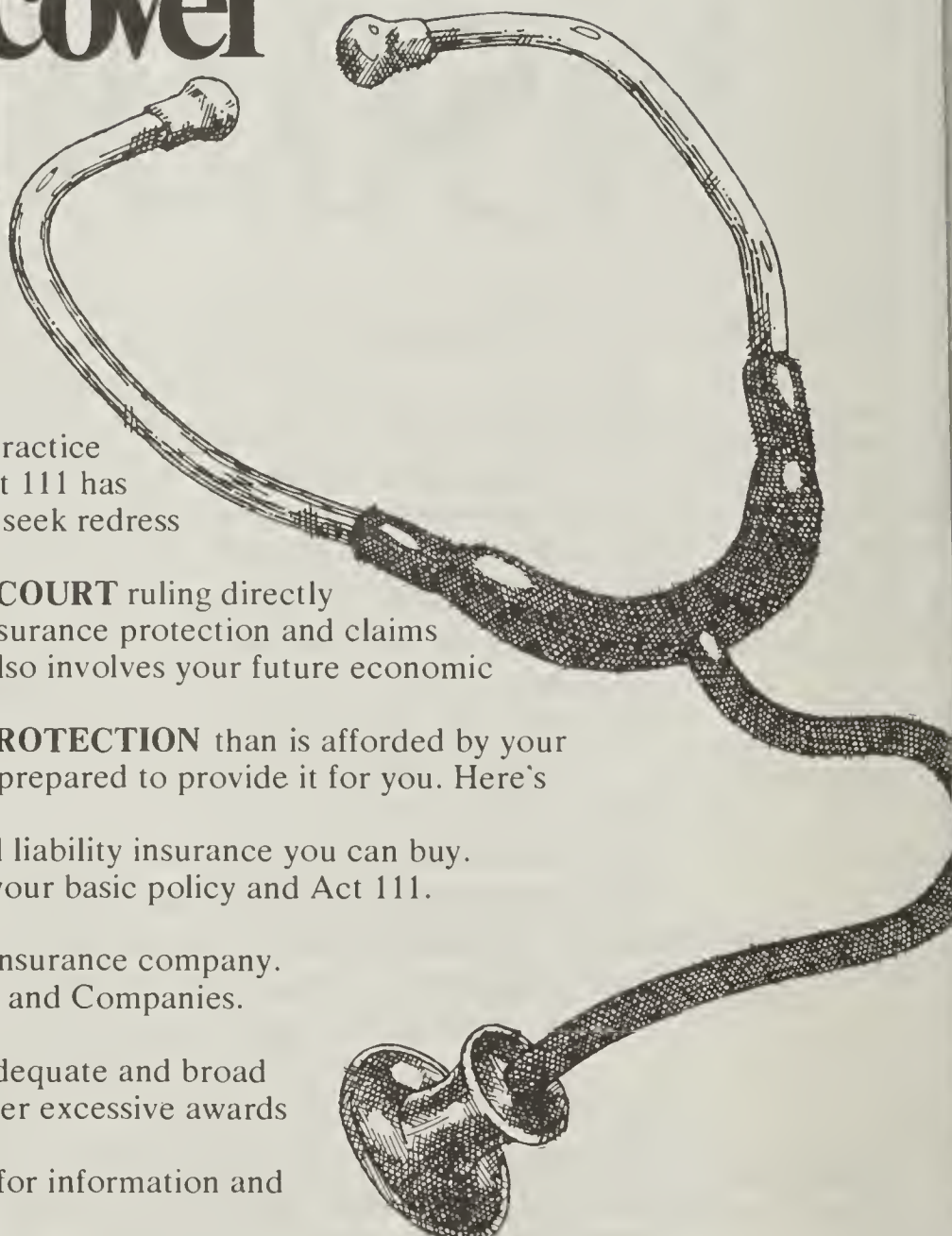
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The soaring cost of a day in the hospital

Robert C. Posatko, PhD

In the past 15 years, hospital care charges in the U.S. have risen at an average annual rate of 11.3 percent. This rate far exceeds the average rate of increase in the overall consumer price index (6.6%), and it exceeds the rate of expansion in the prices of other individual components of health care sector, such as physicians' services (7.7%). Several distinctive economic features of the hospital sector seem to be responsible for this record of rapidly rising costs and charges.

First, the demand for hospital care has been stimulated both by the widespread coverage of third-party payment, and by the inclination of physicians to admit patients to hospitals. A higher demand in the hospital market, as in most markets, creates upward pressure on prices. Secondly, supply decisions affect hospital care prices. The strong tendency of hospital decision makers to achieve top "quality," in part to remain competitive with neighboring institutions, also contributes to higher hospital care charges.

These fundamental realities plus the fact that there has not been significant cost-reducing technological change in the hospital industry, has made this sector highly vulnerable to cost increases, and in turn, to fee increases charged to patients.

This paper presents an economist's perspective on these distinctive features of the hospital industry, and explains their individual effects on costs and prices (charges) in this sector. For this purpose, a simple economic model of hospitals is presented. Due to the dominance of nonprofit or voluntary hospitals, the model is focused on nonprofit type institutions. Though it is a simplification of reality, in its essentials, the model retains those crucial factors influencing economic behavior in this industry.

Model

The conventional profit-seeking firm in our economic system by definition aims to maximize profit. Manag-

ers, therefore, select that commodity or service and that quantity of production which are expected to result in the largest possible difference between total sales revenue and total production costs. This difference represents the net income, or profit, of the firm, and its pursuit is viewed as the basic driving force of organizations in the for-profit sector.

Given this objective, firms can be expected to produce any products or services, of legally permissible type and quality, which offer the prospect of an acceptable annual return on investment, or, rate of profit. Such a pursuit of profit is not the principal goal of the nonprofit hospital. It is suggested here that a combined "quantity" and "quality" of care objective, rather than profit, motivates hospital decision makers.

Hospital decision makers are defined to include three groups, the administrative staff, the trustees, and the staff physicians. I will not attempt to rank the importance of these groups. Some analysts argue that physicians dominate in this decision making. Whether dominant or secondary in importance, their influence is significant.

For the discussion which follows, the definition of the terms quantity and quality of care also need to be specified. The quantity component is quantity of service provided by the institution. Each of the three groups of hospital decision-makers have an interest in the quantity or volume of care delivered, and in general, a *larger* quantity of care provided is considered superior to a smaller quantity.

Administrators tend to prefer administering a larger (both in size and

Dr. Posatko is an economist in the Division of Business Administration at the Pennsylvania State University, Middletown. This article has been condensed from its original form to meet the space requirements of this journal. An amplification of the analysis is available from the author.



volume of patient flow) to a smaller organization. Trustees derive greater status from association with a larger versus a smaller institution. Each physician prefers it when more rather than fewer beds are available, particularly should one of his patients require hospitalization.

The most obvious indicator of quantity of hospital service provided is the number of patients cared for, commonly measured as patient-days recorded over a given period of time. Patient-days is an aggregate measure,

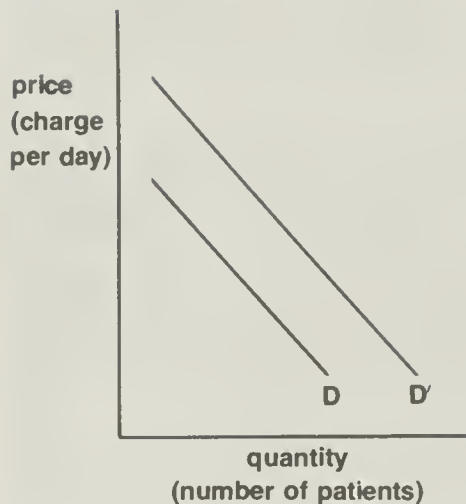


Figure 1. Demand curve (D): At successively lower charge per day levels, hospitals will have higher numbers of patients (more admissions, longer stays, etc.). D' represents a higher demand: more patients acquire care at any given charge per day level.

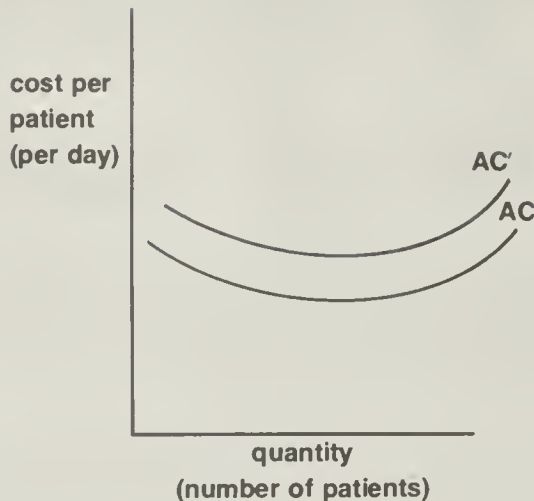


Figure 2. Average cost curve (AC): Cost per patient declines as patient load increases, up to the point of optimal utilization of the facility, beyond which cost per patient rises. AC' represents a higher average cost curve.

and is not indicative of the varying types of care hospitals can provide, but it is suitable for the purposes of this analysis. Quantity of hospital care in this discussion will be defined as the patient load, or number of patient-days of care provided by the institution, per period of time.

A high quality of services rendered represents the second goal of decision-makers in nonprofit hospitals. The administrators, medical staff, and trustees all are interested in the quality of the care their hospital is perceived as delivering. Administrators and trustees have personal interests in associating with a high quality and prestigious institution. Physicians have a strong interest in the quality of the facilities available since it is one factor in the quality of the care they provide, and of their professional standing. Finally, the quality reputation of the institution can affect significantly the competitive standing of the hospital vis-à-vis neighboring hospitals, with direct consequences for the level of patient demand experienced.

Quality of hospital care is a somewhat subjective concept and is difficult to measure. The community may view these various hospital characteristics as contributing to high quality care: availability of certain diagnostic, therapeutic, or laboratory facilities; more personnel per patient; or more

professionals per patient. No formula exists for calculating genuine quality differences among institutions, yet public opinion probably holds that, for purposes of patient well-being, "more (and more modern) is better." In this discussion, the quality of care provided by a hospital will be considered to be dependent on the previously mentioned characteristics. The more complete and the more modern the complement of physical facilities, and the higher the per-patient number of professional and other staff available, the greater the quality of the institution.

Quantity and quality of care delivered cannot be pursued without limit. There is a limitation on the number of patients and on the quality of care that can be provided over any given period of time. The limiting factor, in addition to the hospital's physical plant, is the total budget of the hospital. The budget represents the sum it can spend on personnel, supplies, equipment, and facilities. The size of this budget is established by the total revenue the hospital expects to receive from patient charges, governmental grants, and philanthropy.

Demand for hospital care

Demand, or a "demand curve," represents the relationship between the price of a good and the quantity consumers choose to purchase. It is rea-

sonable to expect that hospital care will be similar to other economic goods. Demand for hospital care thus relates the number of patients choosing to acquire hospital care to the price of hospital care set by the institution.

In Figure 1, the down-sloping shape from left to right indicates simply that the public will elect to receive more hospital care (there will be more admissions, longer stays, etc.), the lower the charge for hospital care. It should be noted that any demand curve presumes that all other possible factors in the consumer's purchase decision remain unchanged and that price is the only variable. Thus a change in the quality of care would produce a different demand curve. Specifically, if patients perceive that a higher quality of care is available at a particular hospital, more patients select that hospital over others in the community. The demand curve corresponding to this higher quality care and resultant greater patient demand would be to the right of the original one, such as D'.

Another important factor which can shift a demand curve is a significant change in the incomes of the purchasers of a good. Increased income will shift the curve rightward; a decline in incomes will shift it leftward. Third-party payment, which effectively raises the health care purchasing power of households, thus, by itself, tends to raise the demand for such services.

The relevant cost relationship for our analysis is represented in the cost per-unit of product, or "average cost curve." Economists generally expect average cost curves in most production settings to be "U-shaped." Due to efficiency gains in the use of a firm's plant, cost per unit of product typically declines for a while as production volume per day is increased. Eventually, however, cost per unit reaches its minimum and then rises as the most efficient volume of output is exceeded.

In a hospital context, the average cost curve reflects the cost per patient at different levels of patient population (i.e., at different levels of utilization of the hospital's capacity). Existing research indicates that for hospital care this curve is also U-shaped. Over some range, additional patients handled result in a decline in the cost per

tient on many basic services. Eventually, however, a minimum cost per patient, or optimal utilization level, is achieved. Beyond this level, the facilities and personnel of the institution become strained. Efficiency may suffer, additional and more costly personnel may be needed, and as a result, cost per patient rises. An average cost curve with this U-shape is the curve labeled AC in Figure 2.

As was true of demand curves, the position of the average cost curve depends on various other factors which can change and cause a shift in the curve. For example, higher expenditures by a hospital for additional nurses or other personnel, or the acquisition and operation of new equipment will raise the average cost of a day of care in that institution. Graphically, this translates into an upward shift in the entire average cost curve (e.g., AC to AC' in Figure 2). Conversely, cost reductions through cutbacks in personnel, or smaller expenditures on equipment and facilities will shift the average cost curve downward.

With these demand and average cost curves, we can complete our basic framework for looking at the economic behavior of voluntary hospitals. Based on its demand for care (e.g., D_1 in Figure 3) and its average cost pattern (e.g., AC_1 in Figure 3), the typical hospital will set its charge per day at p_1 and will admit q_1 number of patients. A charge of p_1 per patient will just cover its cost per patient of providing that care, and the hospital will break even. This outcome is satisfactory, since profit, or net income, is not an objective of the hospital.

In pursuing a high quality of care and a large quantity of care (i.e., a large number of patients served), hospital decision makers eventually may face a basic incompatibility between goals. Improving the quality of care provided will raise the demand faced by the institution, but also will increase the costs of supplying care. Combining a higher demand and a higher average cost curve necessitates a higher set of charges imposed by the hospital.

For example, a CAT scanner may be acquired, or more nurses hired. This higher quality of care, once known to the community, will attract additional

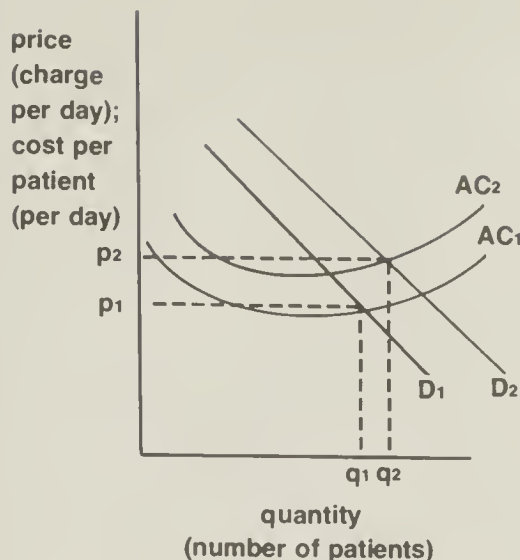


Figure 3. D_1 and AC_1 : original demand and average cost curves at the initial quality level, producing a charge per day of p_1 , and q_1 patients. D_2 and AC_2 : new demand and average cost curves when hospital quality is raised, producing a higher charge per day of p_2 , and q_2 patients.

patients. There will be a rightward shift in the demand curve, D_1 to D_2 . Simultaneously, however, the cost curve moves upward from AC_1 to AC_2 . The new break-even charge and number of patients served are at p_2 and q_2 respectively. In this hypothetical instance the hospital has raised its quality, and has attracted enough additional patients to satisfy its other goal of a larger patient load (quantity).

Raising quality and increasing quantity are not limitless processes. There is no guarantee that the gains in demand that accompany further quality improvements will outweigh the increases in costs which occur. In some instances, the higher patient charges necessitated by equipment, personnel, or other improvements may deter many potential patients, and the hospital's patient load may decline. The point to which this quality-quantity pursuit is taken thus becomes a matter of the judgment of the hospital's decision makers. Knowingly or not, this group continually makes decisions which affect the combination of these two important targets of the institution.

This completes the basic framework for looking at the economic behavior of the nonprofit hospital. Fundamentally different from profit-seeking

firms, the nonprofit hospital substitutes the quantity/quality motive for the conventional profit motive.

Using the model

The analytical framework we developed is useful for examining a number of forces at work in the hospital sector. These include third-party payment, the role of physicians as consultants and suppliers of health care services, technological changes occurring in the health sector, and the nature of competition in the hospital industry.

Third-party payment

As an economic good, hospital care is different from more conventional goods. For most goods, consumers pay directly approximately the full dollar price of what they consume. Because third-party payment is common in the hospital sector, the average patient is not financially responsible for the full price of the care he receives. To some extent this affects the amount and quality of care he will select, both in the upward direction. For example, he will stay in the hospital an extra day even if optional from a health point of view, or he will select a private or semi-private room over a ward.

In terms of the demand curve presented above, because third-party payment effectively increases the health care purchasing power of individuals, it leads to a higher overall demand curve for care. The quality of care chosen is likely to be higher also.

Some relief of this tendency to over-consume can be achieved by greater use of co-insurance or larger deductibles. These may be structured so that the patient's direct dollar cost increases as his total accumulated charges rise.

Variable rate insurance and risk discrimination also can reduce over-consumption. Variable rate insurance bases the health insurance premium level on the cost of care at the insured's hospital. When the consumer acquires care from a lower cost institution, his premium rates are lower. Rate discrimination health insurance offers lower premiums to consumers whose health status and habits are less likely to lead to hospitalization.

Thus, specific third-party payment methods can be used to reduce demand in the hospital sector with concomitant

construction, personnel, and equipment cost savings.

Physicians

In the mainstream of the economy, suppliers of goods exert no direct influence over quantity and quality of goods consumers buy. (Advertising is a potential, indirect influence in some markets.) In the hospital sector, demand is influenced strongly by the judgment of the physician-supplier and less so by the personal preferences of the patient-consumer. This special relationship between physician and patient almost certainly results in a demand for hospital care that is higher than demand would be if the patient's health advisor were not the attending physician himself.

Some bias by physicians in favor of admitting patients to hospitals is to be expected, for several reasons. First, admitting patients (rather than avoiding admission) can be economically rewarding to physicians. Secondly, the physician frequently works from a position of considerable uncertainty and legal risk, and has a tendency to use extensive diagnostic work, which typically requires hospital admission. Finally, the physician feels less constrained in prescribing additional hospital care when he knows that a third-party payer is covering much or all of the expenses incurred.

Technological change

Over the past few decades the average hospital has added a wide range of new technical facilities. These additions have changed the character and quality of care delivered. Thus, a day of hospital care in 1981 is not the same commodity as a day of care 30, 20, or even 10 years ago.

In the for-profit segment of the economy, the aim of technological change is most often cost reduction. By substituting more advanced equipment and machinery for older facilities or for labor, firms seek to lower costs. In the hospital sector, the object of acquiring the latest in equipment and facilities is most often to increase the diagnostic or therapeutic value of the "tools" used by physicians. Although costs *may* be reduced by improved technology, historically, cost effectiveness has been secondary to technical effectiveness as perceived

by the physician staff.

Competition

As economists define the term, a "purely competitive" market among profit-seeking sellers exists when four conditions are reasonably met:

1. A large number of sellers are present, none of which can influence price.
2. Each seller acts independently and without concern for the behavior and practices of the other sellers.
3. There are no significant barriers to the entry of new producers to the industry.
4. The industry product is reasonably standardized among producers.

Something closer to the *opposite* of these conditions exists in the hospital industry, particularly in small and moderate-sized communities. The average patient faces a hospital sector in which:

1. A relatively small number of institutions (sellers) constitute a significant share of the market.
2. Each institution is highly conscious of the practices and services of the others.
3. Entry of new institutions is very difficult.
4. Differences in quality of care among hospitals may be perceived by patients as being significant.

The fact that the majority of producers in this industry are not-for-profit institutions serves to remove it further from the competitive model. Rather than being a "purely competitive" industry, hospitals in small and medium-sized communities can be thought of as an "oligopoly" industry. An oligopoly consists of a few sellers whose interdependence is evident and where the entrance of additional new producers is highly improbable. Other examples of oligopoly are the industries producing automobiles, breakfast cereals, cigarettes, and electrical equipment.

One result of this oligopoly structure is especially relevant to hospital economics. In oligopolistic markets, common patterns of product design, promotion, and pricing policy frequently tend to emerge. When one firm introduces new products, services, or promotional techniques which increase market share, rival

sellers will copy the techniques in an attempt to recover their diminished market shares and profit. The hospital sector exhibits this tendency. When one hospital purchases new diagnostic, laboratory, or treatment facilities, it creates pressures for the other area hospitals to follow suit. If they do not, the patient-consumer community may perceive that the innovative hospital has an advantage in services available and, therefore, in quality. This can lead to a potentially significant shift in demand.

The oligopolistic interdependence of community hospitals heightens both patients' and hospitals' interest in technological quality. Competitive acquisition of new diagnostic and therapeutic technology and attendant personnel typically raises average hospital costs (see Figure 2), while increasing the area's average quality of hospital care services. When innovative technology is under-used, however, its acquisition produces an inflationary effect on the area's health care price structure.

Conclusion

Third-party payment, physicians' decisions, a strong quality interest by hospital decision makers, and an oligopolistic setting all contribute to rising hospital costs and charges. Other inflationary forces, of course, also are at work in the hospital industry. Important among these are rising labor costs, increased materials costs, and the costs of complying with government regulation. In general, however, these factors also affect industries outside the hospital sector. Thus it is likely that the economic realities *unique* to the hospital sector explain the recent inflation in this segment of the economy.

When observing the recent economic performance of hospitals in the U.S., the nagging question an economist must raise is whether the cost we (society) are paying for hospital care is, in fact, worth the benefit derived. Additional quantity and better quality hospital care comes at a price, and it is pertinent always to ask whether the quantity and quality so added are worth that price. Just as "there is no such thing as a free lunch," there is no such thing as free health care. □



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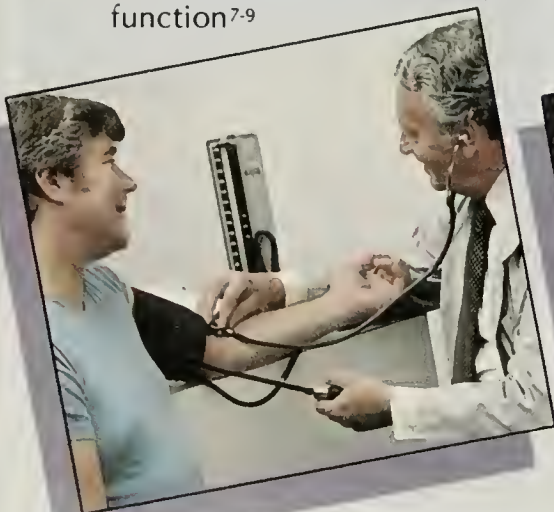
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References: 1. Data on file, Medical Department, Pennwalt Pharmaceutical Division. 2. Sambhi MP, Eggens P, Barrett JD, et al: A crossover comparison of the effects of metolazone and hydrochlorothiazide therapy on blood pressure and renin angiotensin system in patients with essential hypertension, in Sambhi MP (ed): *Systemic Effects of Antihypertensive Agents*. New York, Stratton, 1976, pp 221-245. 3. Pilewski RM, Scheib ET, Misage JR, et al: Technique of controlled drug assay in hypertension: V. Comparison of hydrochlorothiazide with a new quinethazone diuretic, metolazone. *Clin Pharmacol Ther* 12:843-848, 1971. 4. Fotiu S, Mroczek WJ, Davidov M, et al: Antihypertensive efficacy of metolazone. *Clin Pharmacol Ther* 16:318-321, 1974. 5. Cangiano JL: Effects of prolonged administration of metolazone in the treatment of essential hypertension. *Current Therapeutic Research* 20:745-750, 1976. 6. Dornfeld L, Kane RE: Metolazone in essential hypertension: The long-term clinical efficacy of a new diuretic. *Current Therapeutic Research* 18:527-533, 1975. 7. Puschett JB: Physiologic basis for the use of new and older diuretics in congestive heart failure. *Cardiovascular Medicine* 2:119-134, 1977. 8. Craswell PV, Ezzat E, Kopstein J, et al: Use of metolazone, a new diuretic, in patients with renal disease. *Nephron* 12:63-73, 1973. 9. Bennett WM, Porter GA: Efficacy and safety of metolazone in renal failure and the nephrotic syndrome. *J Clin Pharmacol* 13:357-364, 1973. 10. *Drug Topics Red Book 1981*, and manufacturers' suggested prices.

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PRECAUTIONS:

Head injury and increased intracranial pressure: The respiratory depressant effects of narcotics and their capacity to elevate cerebrospinal fluid pressure may be markedly exaggerated in the presence of head injury, other intracranial lesions or a pre-existing increase in intracranial pressure. Furthermore, narcotics produce adverse reactions which may obscure the clinical course of patients with head injuries.

Acute abdominal conditions: The administration of Empirin with Codeine or other narcotics may obscure the diagnosis or clinical course in patients with acute abdominal conditions.

Allergic: Precautions should be taken in administering salicylates to persons with known allergies; patients with nasal polyps are more likely to be hypersensitive to aspirin.

Special risk patients: Empirin with Codeine should be given with caution to certain patients such as the elderly or debilitated, and those with severe impairment of hepatic or renal function, hypothyroidism, Addison's disease, prostatic hypertrophy or urethral stricture, peptic ulcer, or coagulation disorders.

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The most frequently observed reactions to aspirin include headache, vertigo, ringing in the ears, mental confusion, drowsiness, sweating, thirst, nausea, and vomiting. Occasional patients experience gastric irritation and bleeding with aspirin. Some patients are unable to take salicylates without developing nausea and vomiting. Hypersensitivity may be manifested by a skin rash or even an anaphylactic reaction. With these exceptions, most of the side effects occur after repeated administration of large doses.

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Medicare has found one way of controlling increasing costs. In June 1980, it was announced that medicare would no longer pay for heart transplant operations. The average cost of this procedure was found to be approximately \$100,000. Patricia Roberts Harris, then secretary of Health and Human Services, made no effort to conceal that cost had been a decisive factor.

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The decision may have been influenced in part by the announcement that the Board of Trustees of Massachusetts General Hospital had refused its surgical staff's request for permission to perform heart transplants.

The action by the secretary of HHS can be regarded as the opening wedge in an effort by big government to control the cost of medical care. It probably will be cited as the precedent for decisions to deny reimbursement for other procedures, or even for treatment of diseases. A procedure that may be denied is a cardiac assist device that can keep alive patients with myocardial infarction in acute failure. It may be medically effective but the question in the future may be, "Is it cost effective?" This is the question commonly asked by medical economists. It will be asked more and more frequently in the future.

As for treatment of diseases: Research is under way in the use of interferon in treating a variety of malignant diseases. How effective this treatment will be is yet to be seen. Indications are that it may be extremely effective. At the same time interferon is incredibly expensive—enough drug for one therapeutic trial costs approximately \$35,000 and such trials may need to be repeated to be life saving. If it turns out that the cost of "curing" cancer is \$100,000 or greater will medicare pay for it? Since approximately 750,000 Americans develop cancer each year, can this country afford the billions upon billions of dollars, perhaps more than a trillion, required to undertake so massive a project?

A similar example is the dialysis program for kidney failure. Costs for this program approach two billion dollars for treating 45,000 to 50,000 patients in total kidney failure. In England and the Scandinavian countries age is a factor in determining who is eligible for dialysis. We are constantly reading some reports about national health insurance in the United Kingdom and in Scandinavia but rarely is it mentioned that medical care is rationed, or that complicated operations and treatments that are not considered cost effective are just not available to the elderly.

In this country it has been estimated that the bulk of hospital expenses under medicare is incurred by patients in the last year of their lives. There is a simple method of controlling the cost of medical care—determine when the last year of life commences and then refuse any but the simplest and least expensive measure to this unfortunate group! Do we want to do this?

The Professional Standards Review Organization and its attendant Utilization Review were earlier attempts by government to control the cost of medical care. In some

(Continued on page 40)

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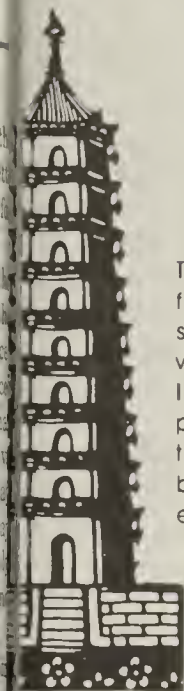
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small measure, they have succeeded but medical costs fueled by an inflationary economy have continued to rise.

What is more disturbing is that medical costs as a percentage of the GNP continue to rise despite all attempts through voluntary efforts to control them. Since hospital costs account for the major portion of these costs it seems obvious that if the government sincerely wants to reduce health care costs this is the place to begin.

A radical restructuring of hospital reimbursement

payments is needed. At present hospital administrators have no incentives to save money. Rather, there is a built-in incentive to spend money and thus escalate the cost of patient care. If the government is sincere in its desire to control the cost of medical care, let it set an example; we in the medical profession will be delighted to cooperate and follow.

Robert S. Pressman, MD
First District Trustee

Reinventing the wheel — DPW version

The Department of Public Welfare has done it again. Not content with the production and implementation of the infamous MAMIS form of billing for all public assistance and medical assistance patients, the department in its infinite wisdom has decreed that certain providers must use ICD-9-CM code numbers in boxes 32 and 34. Once these code numbers have been inserted, a small carrot has been proffered to the harrassed provider in the form of optional omission of the written diagnosis. Hurray for them!

The ICD-9-CM is a comprehensive diagnostic coding system devised principally for in-hospital use. Since the providers affected by this new regulation are operating ambulatory care units, DPW recognized that the global ICD-9-CM was entirely too detailed for describing the problems of ambulatory care. How did the bureaucrats decide to cope with this momentous issue? The solution was simplicity itself. They published a 15-page manual entitled "Listing of Common Diagnoses with ICD-9-CM Codes." All conditions not listed by name in this publication are to be placed in one of the residual categories found at the end of each main classification section. The reasoning, we suppose, is that this will make everything very simple for the provider, inasmuch as he will need only to cope with the code numbers for the listed diagnoses, rather than the entire ICD-9-CM.

The trouble with this solution is that such a classification already has been devised and already is in widespread use, having been sponsored and accepted by such august bodies as WONCA and WHO. We are referring, of course, to the "International Classification of Health Problems in Primary Care," now in its second edition (ICHPPC-2). This adaptation of ICD-9-CM is in widespread use not only throughout the United States, but also throughout the world. Almost all primary care facilities which need this type of diagnostic information use this system, and already are geared to collect information in this format.

Why did the Department of Public Welfare decide to reinvent the wheel? We can only guess what its motives may have been. Certainly, any taxonomist working in the field of ambulatory care must be familiar with ICHPPC-2. The rubrics in ICHPPC-2 have been tested carefully and have withstood the tests of usage and time. The rubrics and code numbers are entirely consistent with ICD-9-CM, as those of us who are listed on page x of Volume 1 of ICD-9-CM will attest, inasmuch as we suffered through the gestation and labor of ICD-9-CM to make certain that it would be compatible with ICHPPC-2 and would serve admirably just such purposes as DPW requires.

Could it be that the taxonomists for the Commonwealth of Pennsylvania decided out of sheer contrariness to ignore the universally accepted ICHPPC-2 and devise their own version purely for purposes of ego satisfaction? We doubt it! In the first place, taxonomists are largely anonymous and ply their monotonous trade in isolation and obscurity. Certainly, no honors will come to the perpetrator of the DPW system, so the reason for this new modification remains clouded in obscurity. We will be happy to listen to any theories or explanations. We would be reluctant to think that such an important task was relegated to someone unfamiliar with ICHPPC-2.

The choice of rubrics included in the "Common Diagnoses" is likewise shrouded in mystery. Certain conditions, such as malignant melanoma of the skin, are given prominent billing, while the more common conditions of basal cell and squamous cell carcinoma are relegated to a residual category. Classical migraine and variants of migraine receive a major classification, while the more prevalent common migraine is not listed. Congenital abnormalities are listed in great detail, while the entire ICD-9-CM section on perinatal morbidity and mortality is missing completely. These are a few examples which make one wonder how the actual selection was done, especially when such common conditions as pediculosis, foreign body in the eye, epididymitis, and pityriasis rosea are relegated to residual categories.

Although many of the rubrics are identical to those in ICHPPC-2, most of the numbers are not. This requires either collecting and coding of problems in two formats, each having different rubrics or different code numbers for the same rubrics, or developing a space consuming conversion code in the computer specifically for the use of medical assistance billing.

To make things worse, the entire publication shows little evidence of proofreading. Despite widespread distribution of this document, no one bothered to correct the misspellings and transpositions (e.g. page 8, 616.0 "chornic cervicitis"), or even worse, wrong numbers such as "338.3 tinnitus." The ICD-9-CM number for tinnitus is 388.3.

Being accustomed by now to the bureaucratic rip-off and the needless waste of taxpayer dollars in providing health care, under the circumstances we resigned ourselves to the inevitable and wrote the necessary translations. We will be happy to share the translation with anyone who does not have the motivation or the time to devise his own. After all, just because the Department of Public Welfare insists on

(Continued on page 42)

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reinventing the wheel, that is no reason why we medical providers should follow suit.

H.L. Tindall, MD
Chairman, Process Coding Committee
North American Primary Care Research Group
Associate Director
Family Practice Residency Program
Lancaster General Hospital

Editor's note: On March 24, 1981, a letter regarding a similar concern about Medical Assistance Bulletin No. 01-81-03 was written to the Bureau of Provider Relations in Harrisburg. Copies of the letter were sent to PENNSYLVANIA MEDICINE and the Pennsylvania Psychiatric Society. The letter is reprinted in its entirety.

The Department of Public Welfare's requirement for ICD-9-CM Diagnostic Codes is reasonable, except that:

1. The standard for psychiatric diagnostic terms in the United States is the D.S.M. III, not the ICD-9-CM.
2. The Bulletin requires that diagnoses be restricted to those listed in the "Medical Assistance Handbook."

Is "no policy" the right policy?

Both my county and state medical societies recently decided that they would have no policy on abortion. After listening to the abortion issue debated for the past eight years at the meetings of the House of Delegates of the Pennsylvania Medical Society, I understand the frustration of trying to arrive at a policy that does not anger one side or the other. However, the implication of this no policy decision is disturbing.

Does this mean that we are going to leave it to the courts (legal profession) to decide for us, the medical profession, what is ethically and morally correct? I certainly hope not. Courts should decide what is legal. Physicians should decide for themselves what is ethically and morally right.

Many physicians believe that abortion is wrong; they would not perform an abortion themselves but are unwilling to oppose abortion because it is the "law of the land." Slavery was also the "law of the land" for many years in the United States. I am sure many physicians did not oppose slavery during that period because it was the "law of the land." If it were still the law today would we not oppose it? By not opposing abortion we have condoned abortion. We have condoned one million abortions per year in the United States performed by physicians.

Do we not have an obligation to all those doctors who have gone before us to preserve the concept of medicine as a healing art? There is no healing in abortion, only destruction.

During this past year, four states have passed laws mandating capital punishment by intravenous drug injection. When I first heard of these new laws the thought immediately occurred to me — is it any wonder that the states have turned to us, the medical profession, to terminate the lives of convicted criminals when we have so willingly terminated the lives of millions of the innocent unborn.

We have demonstrated how efficiently we can perform abortions. That indeed was the major argument for legalizing abortion — physicians can do it so much better than the

3. The list of psychiatric and neurologic diagnoses in the "Medical Assistance Handbook" is a drastically abridged and incomplete version of the list in ICD-9-CM.

4. The deadline ("effective date") of April 1, 1981 gives no time for organized rebuttal or reconsideration.

The psychiatric physician is forced first to translate his patient's D.S.M. III diagnosis into an ICD-9-CM diagnosis and then must attempt to re-translate this ICD-9-CM diagnosis into a Medical Assistance Handbook "diagnosis" which may not even be listed, or which may not accurately reflect the patient's condition. This "requirement to misdiagnose" serves no useful purpose, and actually ill-serves the patient, the practitioner, and the record system of the Commonwealth.

Please reconsider your "requirement" so that you may suspend the deadline on "diagnostic codes" until the computer is ready to accommodate the complete list of ICD-9-CM diagnoses, or until the rationale for the code "requirement" can be more fully explored.

R. Hallock Williams, MD
Norristown

unskilled abortionists. The major argument for these new laws is that physicians can terminate the lives of convicted criminals so much more efficiently and so much more humanely than previous methods. There is no doubt that physicians can terminate the lives of any group (the terminally ill, the senile, the retarded) in a very efficient and humane manner. Are we destined to become society's executioners? Where do we draw the line? The answer is obvious — the practice of medicine should not include the intentional termination of life.

The question is always raised, "What about the abortions done to save the life of the mother?" There are about 3,000 abortions done every day in the United States. How many of these are done to save the life of the mother? One or two? Probably less than that. Certainly if the life of the mother is truly in danger and an abortion would save her life, no physician would oppose such an abortion.

Are the anti-abortionists trying to impose their morality on others? Yes, I think we are guilty of that. When we changed the Bylaws of the Pennsylvania Medical Society stating that what the professional expert witness was doing was unethical even though it was legal were we not imposing our morality on the professional expert witness? I think we were.

Even though we may be imposing our morality on others I think it is far more important to stand up and speak out when you think that something is not right than to continue to condone what you know is wrong.

It is certainly easier for an organization to have "no policy" on an issue such as abortion. You offend neither side. However, I do not think it is the right policy. We must continue to struggle with ethical and moral issues in medicine. If we do not decide for ourselves what is ethically or morally right, then someone else will eventually decide for us.

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physicians in the news

Mary Ann Bartusis, MD, now is featured weekly on "AM/Philadelphia," a television talk show where viewers are invited to send questions on emotional problems to "Ask Dr. Bartusis." She is clinical associate professor of psychiatry at the Medical College of Pennsylvania.

Two Pennsylvania physicians recently received honors from the American College of Physicians. **Calvin F. Kay, MD**, received the Alfred E. Stengel Memorial Award for outstanding service to the College. Dr. Kay is professor of medicine at the University of Pennsylvania Hospital. **Jack D. Myers, MD**, received the Distinguished Teacher Award. Dr. Myers was a former professor and chairman of the medicine department at the University of Pittsburgh and now is a university professor.

Gastrointestinal endoscopic surgeons recently formed a new society, the Society of American Gastrointestinal Endoscopic Surgeons, and elected **Gerald Marks, MD**, the founding president. Dr. Marks is professor of surgery at Jefferson Medical College and is a contributing editor of PENNSYLVANIA MEDICINE.

Julius Newman, MD, introduced an eyelid surgery technique called the clip-strip eyelid blepharoplasty at the recent meeting of the American Academy of Facial Plastic and Reconstructive Surgeons. Dr. Newman is chairman of the cosmetic and aesthetic surgery department at Philadelphia's Graduate Hospital.

The Pennsylvania State University recently awarded **John A. Waldhausen, MD**, the Faculty Scholar Medal for Outstanding Achievement. Dr. Waldhausen is professor and chairman of surgery at Hershey Medical Center.

John J. Schubert, MD, recently was named to a state task force to make recommendations for standardizing existing renal transplant services. Dr. Schubert is director of Lancaster General Hospital's renal dialysis department.

A. Monroe Bertsch, MD, recently was named District Seven Scientific Director of the American Cancer Society. Dr. Bertsch, a Montrose physician, is a past president of the Susquehanna County unit of the cancer society.

William H. Johnson, MD, recently was appointed to a three-year term as a member of the Senior Community Services' Board of Directors. Dr. Johnson recently retired after 55 years of practice as a family physician in Lansdowne.

Michael A. Arcuri, MD, recently was appointed medical director of the Malvern Institute for Psychiatric and Alcohol Studies. Dr. Arcuri had been staff psychiatrist at Huntingdon Psychiatric Center and was a former medical director of an outpatient drug rehabilitation program in Lancaster.

Christopher J. Daly, MD, recently was appointed Western Pennsylvania State Chairman of the Field Liaison Program of the Commission on Cancer by the American College of Surgeons. Dr. Daly is director of the surgery department at St. Francis General Hospital, Pittsburgh.

The Williamsport chapter of the National Conference of Christians and Jews recently named **Randall F. Hipple, MD**, winner of its Brotherhood Award. Dr. Hipple is chief of staff at Divine Providence Hospital and is city councilman in Williamsport.



Officers and award winners of the Robert H. Ivy Society, left to right, Drs. Herceg, president elect, Kusiak, Reichman, Skiles, Conklin, and Walter Okunski, president.

The Robert H. Ivy Society of Plastic and Reconstructive Surgeons held its annual Residents Scientific meeting February 7, 1981 at the Hershey Medical Center. Program chairman of the meeting was **Stephen J. Herceg, MD**, the society's president elect.

Receiving awards for their papers were: **William T. Conklin, MD**, York Hospital, first prize, "Reconstruction of soft tissue defects of the feet using segmental latissimus dorsi musculocutaneous free flaps;" and **Margaret S. Skiles, MD**, University of Pennsylvania, second prize, "Orientation of the ear."

Two residents from the University of Pennsylvania tied for third prize: **Joseph H. Reichman, MD**, "Early surgery for syndactylism," and **Joseph Kusiak, MD**, "Early vascularization of membranous bone grafts."



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Keeping a professional corporation intact

Jerry Susman, LLM (Tax), CPA
Andrew B. Golkow, MBA, CPA

Many professionals who have incorporated are beginning to realize how difficult it is to get the benefits of being a professional corporation (PC). Merely to form a PC and to put the new name on your stationery are not sufficient. Form alone will not do. It is critical not only to follow the proper form but also to be certain that the form has substance.

The patient or client, after all, does not see or know any difference. The incorporated professional must let the public and the IRS know that they are dealing with a corporation. The responsibility for this falls squarely on the corporate officers.

During the past decade, many professionals have chosen to incorporate their practices to take advantage of the tax savings available. By using corporate employee benefit plans and other techniques, the incorporated professional can substantially reduce his taxes and, at the same time, meet his savings and investment needs.

The IRS has adopted the position that a professional organization, which is, in fact, a bona fide corporation, will be classified as a corporation for tax purposes. Even when a bona fide corporation exists, the IRS has taken the position that the individual shareholder who actually earned the income would be considered the true earner of the income, not the corporation.

One of the key elements involved in making sure that income will be taxed to the corporation and not to the individual is that the professional must be truly in an employment relationship with the corporation. The professional must be performing services and acting on behalf of the corporation, not himself. The crucial consideration was spelled out in a private letter ruling, in which a part owner of a corporation was deemed to be an employee of that corporation:

Generally, such relationship exists when the person for whom the ser-

vices are performed has the right to control and direct the individual who performs the services, not only as to the result to be accomplished by the work but also as to the details and means by which that result is accomplished. That is, an employee is subject to the will and control of the employer not only as to what shall be done but how it shall be done. In this connection, it is not necessary that the employer actually direct and control the manner in which the services are performed, it is sufficient if he has the right to do so. LTR 8033072, May 22, 1980.

In another private letter ruling (LTR 8031028, April 25, 1980), the IRS considered whether an individual taxpayer, or his professional corporation, is the true earner of income resulting from the performance of medical services. The general principle involved is that "where the shareholder-employee, in fact, acts on his own behalf rather than for the corporation, he and not the corporation must bear the burden of tax. . . . The issue has generally been narrowed to whether the corporation has been given sufficient corporate substance and sufficient control over the earning of the income so that it, and not the individual taxpayer, can be considered the true earner of the income."

In this case, it was held that the individual taxpayer, and not the corporation, was the true earner, for seven reasons:

1. A written partnership agreement that was entered into indicated that the individual, rather than the corporation, was the partner.

2. The individual did not assign his interest in the partnership to the corporation.

3. The individual did not enter into an employment contract or covenant not to compete with the corporation. Thus, the individual had complete control over the corporation's "financial fate."

4. Insurance policies were not changed to provide coverage for the corporation.

5. The corporation did not hire any professional or nonprofessional employees other than the individual taxpayer.

6. The corporation did not incur any significant indebtedness except for the employee benefit plan costs.

7. The corporation did not distribute its remaining income as salary or dividends. The corporation, instead, made a substantial shareholder loan to the individual shareholder.

These reasons suggest what *not* to do in running a professional corporation. Although the concept of a professional corporation is solidly established, it still can be attacked on the grounds that the income is earned by the individual professional, and not by the corporation, even though the corporation is valid. The following suggestions will help to avoid these problems.

1. Everyone who deals with the corporation should be aware that it is a corporation they are dealing with. The telephone should be answered in the name of the corporation, billing should be in the name of the corporation, receipts should be deposited in the corporate bank account, and contracts with third parties should be in the name of the corporation.

2. A clear employer-employee relationship should be established between the corporation and the professional. An employment contract which clearly specifies responsibilities should be adhered to.

3. When more than one professional is involved, the operations and accounting should not be conducted as if the entity were a partnership. This

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means that retirement or death of one of the principles cannot cause an automatic dissolution, and someone should be specified as having the authority to make management decisions necessary for the conduct of the business.

4. The corporate minutes should state specifically that acts are being performed on behalf of the corporation and that corporate employees are performing them. The formalities of board of directors' minutes, and shareholders' minutes should be adhered to.

5. The salaries of officers should be authorized by the board of directors, and payroll checks should be issued to

the officers accordingly. Fluctuations in salary which would make it appear like a draw from a partnership or proprietorship should be avoided.

6. Whenever the corporation enters into a transaction with a corporate officer or related entity, there should be a contract. If a corporation takes over the lease of a predecessor partnership or proprietorship, there should be a lease assumption agreement. If the professional is required by the corporation to maintain an office in his home, it should be set forth in the employment contract and the corporation should execute a lease.

7. Pay *some* dividends. In more and more cases, the failure to pay divi-

dends has resulted in adverse tax consequences. In a recent case, *Gary N. Cromer v. Commissioner*, 40 T.C.M. (CCH) 701 (1980), the corporation's failure to pay dividends was a factor used by the Court in determining compensation to be unreasonable.

In cases that tax income to the individual as being earned by him rather than the corporation, the Internal Revenue Service can chip away at professional corporations. Taking the time to intelligently plan business transactions is essential. Above all, it must be made clear that the corporation is providing the professional services and that the individual is employed by the corporation.

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Phasing down your obligations as retirement approaches

Leif C. Beck, LL.B., CPBC

Vasilios J. Kalogredis, JD, CPBC

Geoffrey T. Anders, CPA, JD

Dorothy R. Sweeney

Phasing down your involvement in a group or a solo medical practice with a view toward retiring requires a careful examination of the choices. A haphazard approach to the questions involved may result in an unwanted, uneconomic practice situation for the senior physician, his partners, or both. A doctor's decision to limit his activity generates such fundamental changes that a thought out approach is necessary to yield a satisfactory result.

Just refusing to see new patients as a way to cut back the practice rarely will lead to the desired outcome. In solo primary care practices, physicians usually are so busy that even turning down new patients does not permit an adjustment in work level immediately. Depending on normal practice attrition, this approach may gradually reduce the practice size and lessen the work loads. But this strategy may backfire. The word may spread that the doctor does not want to see *any* patients. This may accelerate the decline of patients and may leave the doctor with fewer patients than planned.

Refusing new patients also may not work because of the expected increasing competitive atmosphere resulting from the "doctor surplus." Physicians who do not see new patients usually cut back on the activities that have kept them visible and that have attracted new patients. When these physicians drop such activities, aggressive doctors in the area will fill the gap. The result may be a greater than usual exodus from the practice's patient base. Without following a planned approach, a doctor who wanted to cut back on his practice by 25 percent may be reduced to half of full time practice or less.

In group practice, a senior doctor's not taking on new patients may not be the best alternative. Older physicians typically have the longest standing and most productive referral bases, and the best known names. A recep-

tionist's unexplained announcement to a new patient that "Dr. Senior is not taking new patients" could lead to misinterpretation that affects the entire group.

To avoid these and other pitfalls, a planned approach is necessary. The first step is simply to identify the reasons for pulling out of full time practice. Different reasons such as advancing years, changing referral patterns in the community, deteriorating health or energy, or simply a desire for more time for personal or family pursuits call for different formulas to attain the right outcome.

The second step is to give serious thought to what level of activity is desired. The optimal situation may not be obtainable if it is unacceptable to referring doctors or your partners, but knowing where you would like to be gives you a better chance of attaining the goal. Once an objective in terms of activity level is established, specific strategies can be devised to reach, monitor, and maintain it.

Adding another physician

Many times a decision to reduce medical practice involvement in both group and solo situations leads directly to bringing on a new doctor to pick up the activity dropped by the senior physician. Although this approach has its stumbling blocks, it is perhaps the most widely pursued alternative.

For the solo senior physician looking to full retirement in five or fewer years, adding a partner allows decreased activity almost immediately and insures a purchaser for the practice upon retirement or upon death, disability, or other leaving. Adding a new doctor to a group practice while a senior slows down gives the practice

time to groom the new doctor, and to transfer referral or patient relationships, without increasing the night and weekend coverage obligations of the group's members.

The biggest obstacle to this approach is financial. With the first year cost of hiring an associate averaging perhaps \$60,000 or more, rarely does a new doctor pay for himself over the first twelve months. The new doctor's income production from new sources, in addition to reducing the senior doctor's income commensurate with his work reduction may help make ends meet, but still the group or solo practitioner must be prepared for tight finances and a possible decrease in income during the first year. By the second year, finances are usually on an even keel and the senior doctor can begin to progress toward partial or full retirement.

The senior doctor(s) must be certain to describe the goals of the practice to the prospective associate during the hiring process. A clear understanding of what is to happen (barring any unusual and major changes in circumstance) is essential to success particularly since the planning is long term. Surprises such as unexpected levels of activity or coverage, or dropping surgery, may disturb the younger physician. A major dispute could result leaving the senior physician back where he started, without a buyer for the practice, and years behind schedule in reaching his goals.

Cutting back group practice

Phasing activity down within group practice presents its own particular range of difficulties. The most common situation is where a senior doctor wishes to give up part or all of his on-call obligations or hospital practice perhaps as a prelude to full retirement. For the senior doctor, the burdens of practice are reduced. The group may benefit from slightly reduced malpractice insurance pre-

The authors are the principle consultants of Management Consulting for Professionals, Inc., Bala Cynwyd, Pa.

miuns and from having a physician to provide office coverage and to pick up the routine work.

Dropping any part of the activity involved in the practice nonetheless requires the group to consider its method of income division, taking into account the shift in work loads. Some senior group members feel that no income adjustments are deserved given their years of service. Other group members argue that more income is not enough. These physicians already may earn comfortable incomes. They do not want higher salaries but, like the senior physician, more free time.

Resolving these competing concerns depends on the individual circumstances. Rarely do we see either argument as carrying overwhelming weight. Group success over the years does not depend on one doctor's efforts; it is the result of contributions of all the partners. More income may not be enough to compensate for increased call obligation at present, but if well planned and followed through, a precedent for phasing down can be established from which each doctor in the group will benefit. Thus, resolving any major work reduction usually comes down to a dollars and cents issue: what is the cost of the senior physician dropping some aspect of full practice?

Answers vary. A senior physician may be able to pass on part or all of an activity to a new doctor in the group. In a four-doctor surgical practice, the senior physician recently gave up one-half of his usual on-call rotation to a new doctor in the practice. The new doctor wanted more income so the basic proposition was fine. Checking with colleagues and local residents found a competitive rate of pay for comparable obligations. The senior doctor's income then was reduced and the junior's increased by the determined amounts. A fair, competitive rate should be determined by considering other practices and specialties where the on-call work activity is about the same. This rate should be rechecked annually. This proposition affected only two doctors. Other relations in the group were not disturbed.

Another approach is for the group to determine an agreed value for the practice's call obligations. A portion of that sum is then allocated to each group member based on his portion of

the work load. One group using this approach determined that the total call obligation was worth \$80,000 out of an annual net income of \$700,000. The net worth, \$80,000, then was divided on a "point system" where one evening call counted as one point and a weekend call as two points.

The \$80,000 figure will increase proportionately as the practice's net income grows so that the total coverage activity is valued at the same percentage of the whole. Evaluating any specific portion of the practice is inherently arbitrary, but agreeing on an accurate dollar value should prevent any single member from gaining an overwhelming advantage over the other physicians.

Another group agreed that to participate in any specialty income, a doctor must assume the obligations of that specialty. In that group, a doctor who wanted to phase down had to drop all activity in a particular specialty and income-sharing.

Groups that divide income on a productivity basis typically do not face so difficult a problem when dividing income to accommodate a less than fully active member. A primary benefit of productivity income division is the self-adjusting feature, but there are two traps which should be avoided.

First suppose a four-physician allergy practice has a gross income of \$800,000, and a net income of \$400,000. The doctors produced 35, 30, 25, and 10 percent respectively. If the practice's net income is split on productivity, the higher producing physicians in this example will bear a disproportionate share of the overhead costs. Here the lowest producing physician grossed \$80,000 to net \$40,000. The highest producing physician grossed \$280,000 to net \$140,000. This may appear fair since each doctor bears overhead at one-half of his production.

The economics, however, often do not follow that course. As gross income increases, the additional overhead costs as a percentage should decline. Fixed costs of rent, insurance, equipment, professional fees, dues, and journals are not reincurred. Under the income division described in the example, the least productive physician may bear less than a fair share of the fixed expenses.

When large productivity differences occur and may be expected to continue, the dollars involved can become substantial and a revised income division formula may be appropriate. To solve the problem in the example, the identified fixed costs might be allocated on the basis of one-fourth against each doctor's production and the balance of the overhead changed in proportion to productivity. Of course, a group may recognize that the higher producers are bearing more overhead than strictly called for and simply ignore that factor, satisfied that they will receive similar treatment when they phase down in later years. Either approach is acceptable, so long as each physician recognizes the difficulty and agrees to the choice.

The other trap results when a "two-tier" income division formula is used. Under this method a portion of practice income is divided equally and a portion is divided based on productivity. The problem is that a senior physician who is moving toward retirement may be so slightly productive with respect to the other physicians or so little involved in the group's overall practice that he no longer has a valid claim to participate equally in any of the practice's income. A member may lose his portion of the equally divided income once his productivity falls below perhaps 60 percent of an equal portion of the gross income. For example, in a three-physician group, if one member produced less than 20 percent ($\frac{1}{3} \times 60$ percent) of the whole, his income share should depend totally on productivity with the remaining doctors dividing the balance of the income. It is most important to set the "fail safe" point well in advance of any doctor approaching it. Agreeing on the topic before it affects a partner's income will avoid embarrassment and possible hard feelings.

A few examples of doctors who have successfully planned to cut down their activity may help the reader to focus on his own situation and to develop workable approaches.

An endocrinology-trained solo internist wanted to cut back his work level by about half over the upcoming year. He wanted more time for personal pursuits, yet he intended never to fully retire.

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The community had not been able to support a full time endocrinology practice. That was what led this physician to general internal medicine in the first place. The plan was simply to limit the practice to endocrinology and to drop other phases of practice. The approach was desirable since it narrowed the practice to acceptable levels, let the doctor concentrate on a field of particular personal interest, and avoided any risk involved in refusing to see new patients.

Having chosen the desirable course, the financial effects of the move had to be considered. What effect would the change have on malpractice insurance premiums? Would overhead rise unacceptably with less gross income over which to spread the practice's fixed rental, equipment, and other expenses? What staffing changes would be necessary?

In this case, the numbers worked out well. The focus then changed to adjusting the practice's image both from the patients' and other physicians' viewpoints. The first steps included changing the practice's phone listing to indicate the endocrinology specialty, designing a new patient in-

formation booklet, and training the receptionist to identify patients with endocrinological problems.

The practice's current patients then were informed by a few words from the doctor while they were in the office and by reinforcement from the receptionist to select another internist. The doctor's colleagues were informed of the change both by word of mouth, by a personal letter, and by the physician's lectures on endocrinology to the hospital staff.

A second example involved two general ophthalmologists. One of them wanted definitely to reduce his level of activity and the second had an uncertain future level of activity due to past health problems. They decided to sell their practice interests to two new doctors, while retaining the right to practice on a part-time basis indefinitely. In the first year, a doctor just out of residency was employed. If all goes as planned, he will purchase one-half of the practice at the end of the first year. In the second year, another physician will be hired. After a year's employment he will purchase the other half of the practice. Income is divided under the two-tier method until the senior

physicians fall below a specified point when the method switches to division based only on productivity.

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obituaries

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• **Anthony Charles Adonizio**, Pittston; Medical College of Georgia, 1936; age 71, died February 27, 1981. Dr. Adonizio was a general practitioner in the Pittston area for more than 40 years.

• **Monica D. Blumenthal**, Pittsburgh; University of Michigan School of Medicine, 1957; age 50, died March 16, 1981. Dr. Blumenthal was the program director of geriatric psychiatry at Western Psychiatric Institute and Clinic and professor of psychiatry at the University of Pittsburgh School of Medicine.

• **Jerome Harry Cohen**, Johnstown; University of Michigan School of Medicine, 1932; age 75, died February 21, 1981. Dr. Cohen was a former chief of ophthalmology at Memorial Hospital, Johnstown.

• **Louis A. Dodies**, Philadelphia; Hahnemann Medical College and Hospital, 1922; age 90, died March 5, 1981. Dr. Dodies had been a general practitioner in Philadelphia for about 50 years.

• **Harry H. Ginsburg**, Altoona; George Washington University School of Medicine, 1927; age 77, died April 16, 1980.

• **Rosario Leonard Mantione**, Pittston; Tufts University School of Medicine, 1923; age 87, died February 25, 1981. Dr. Mantione was a former president of staff and chief of surgery at Pittston Hospital.

• **Otto C. Phillips**, Pittsburgh; University of Maryland School of Medicine, 1942; age 63, died March 7, 1981. Dr. Phillips has been chief of anesthesiology at Magee Women's Hospital.

• **Elmer G. Shelley**, Pompano Beach, Florida; University of Pennsylvania School of Medicine, 1923; age 82, died March 28, 1981. Dr. Shelley was the 107th president of the Pennsylvania Medical Society. He served on the Society's Judicial Council and on the AMA's Judicial Council for more than five years. He had been a family physician in North East, Erie County for more than 30 years.

• **Harold C. Smith**, Kingston; Jefferson Medical College, 1934; age 72, died February 21, 1981. Dr. Smith, one of the first thoracic surgeons in Wyoming Valley, was a past president of General Hospital and director of its surgery department.

• **Louis E. Taubel**, Fort Lauderdale, Florida; University of Pennsylvania, 1929; age 78, died February 23, 1981.

• **Joseph T. Thoms**, Pittsburgh; University of Pittsburgh School of Medicine, 1912; age 99, died February 25, 1981. Dr. Thoms was a past chairman of surgery at St. John's Hospital where he served on the staff for 54 years.

• **Edward Louis Waisbrot**, Pittsburgh; Case Western Reserve University School of Medicine, 1940; age 66, died March 8, 1981. Dr. Waisbrot was a surgeon in Shadyside for 32 years.

Russell M. Manley, Phoenix, Arizona; Georgetown University School of Medicine, 1943; age 73, died March 9, 1981. Dr. Manley had had a private practice in Sayre and later worked for the Commonwealth of Pennsylvania in South Mountain and Harrisburg.

S. Carl Zibelman, Philadelphia; Temple University School of Medicine; age 72, died March 6, 1981. Dr. Zibelman was the East Coast medical director for the U.S. Postal Service.

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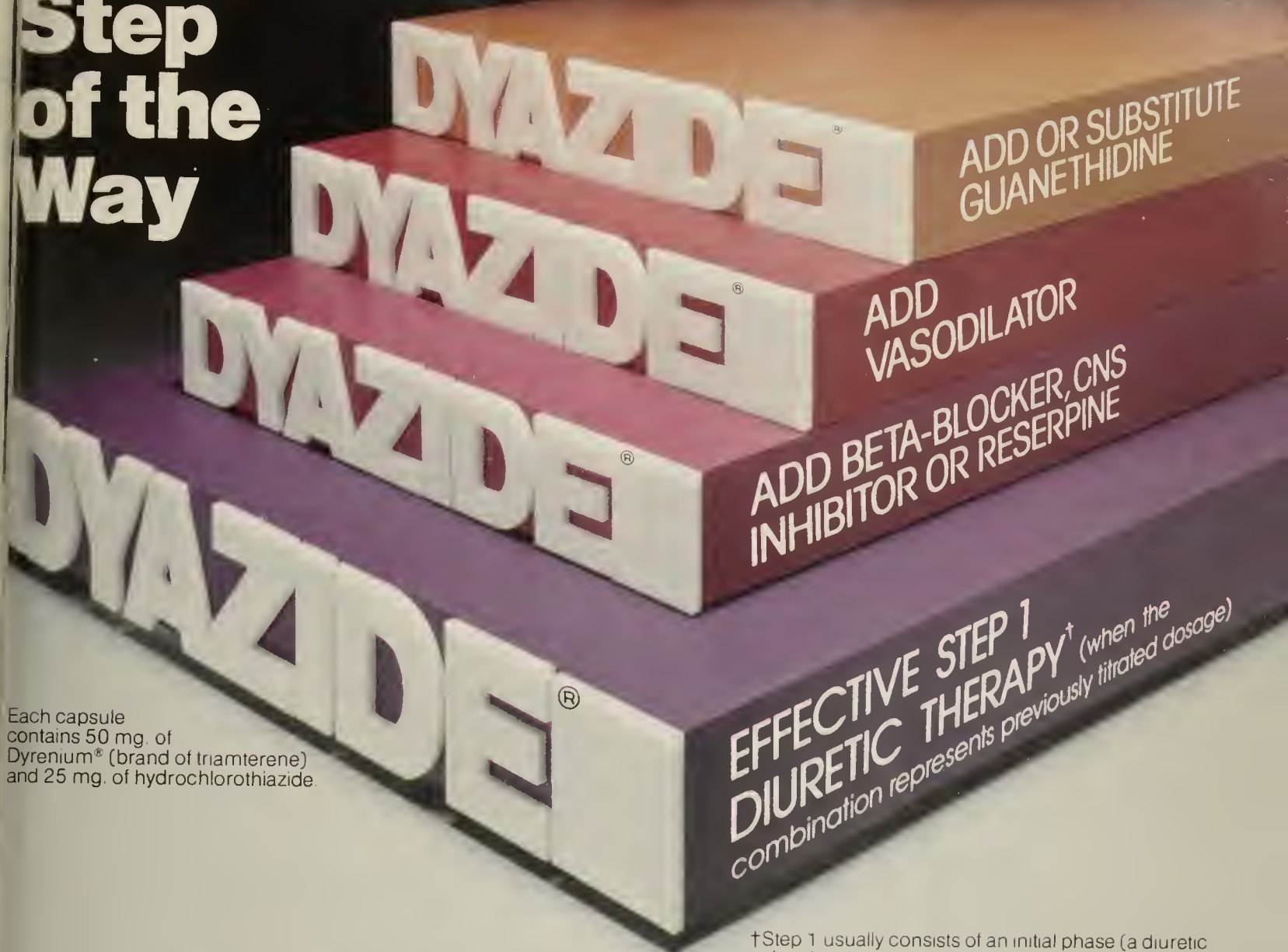
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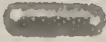
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Changes in children's psychiatric services

Herman S. Belmont, MD

A wide range of psychopathology exists in our child and adolescent population. In the 60s, it was relatively untouched and of little interest to many practicing mental health professionals. The new community mental health centers of the 60s were expected to address this problem. The advent of a community child mental health program raised questions about how this would affect the quality and nature of psychiatric services to children in subsequent years.

Before and during the community mental health movement and child community mental health grants, the situation for children and their problems had been changing. The number of working mothers had increased and a societal atmosphere prevailed that allowed mothers who did not work, to pursue their education or recreation. The child caring role no longer predominated. There was a demand for more day care centers. With the help of modern medicine, more children with handicaps were surviving. Single parent families were increasing.¹ Children's rights to treatment were recognized and they had a greater role in determining their participation in treatment.

The situation, as far as needs are concerned, has not changed. Julius B. Richmond, MD, U.S. Surgeon General, estimated that 9 to 13 million youth still need mental health care and that 85 to 90 percent of them will not receive even minimal services. According to him, the caseload includes individuals with childhood psychoses, developmental disabilities, and neurotic and personality disorders.

He pointed to the increases in the number of unmarried mothers keeping their babies, children of divorced parents, single parent families and working women with school age children. He also cited the increase in violent deaths, suicide, alcoholism, and drug usage among adolescents. "The suicide rate of teenage males between

15 and 19 years has tripled since 1950 and has more than doubled for boys between 10 and 14."²

The problems which led to developing the community mental health program are still with us. Is this because of some deficiency in our programs or is it because more programs need to be developed? How well have the programs dealt with the problems of child mental health care?

In March 1968 in *PENNSYLVANIA MEDICINE*,³ the author indicated that "there are those who feel that any community mental health program of significant size and ambition, and supported by federal and state funds, is the beginning of the end of high professional standards in child psychiatry." Many of the author's colleagues shared a number of concerns about the developing child community mental health programs. These concerns included: elimination of adequate diagnostic procedures; dilution of effective, dynamic, individual therapy measures; de-emphasis on professional standards for personnel working with children; indiscriminate lumping together of varied diagnoses into group, recreational, and social treatments without relating treatment method to diagnosis; the end of individually prescribed and oriented treatment; overenthusiasm and lack of caution with treatment methods such as group therapy, behavior therapy, hypnotherapy, psychopharmacotherapy, and family therapy; a lesser degree of care and treatment for the individual child by experienced therapists because of larger caseloads;

lack of an effective and appropriate division of labor; and insufficient evaluative followup.

In "Wish or Reality"⁴ the author elaborated some of these concerns. An alert was sounded that mental health personnel, while helpful in identifying the interplay of massive sociocultural problems with individual mental health and illness, may be held inappropriately responsible for the reform of those sociocultural problems; that general approaches providing non-specific, symptomatic, universal benefit would be substituted for specific treatment approaches; that problems in adapting to extrapsychic environmental influences would be overemphasized and intrapsychic problems would remain untreated because, in the short term, patients responded symptomatically and palliatively to environmental manipulation.

Early involvement in a child's development and problems was one advantage of the programs. But, there was a need for continuity of care and followup as well as interventions that minimally disrupted the support from a child's family and community. A spectrum of services was to be offered. Effective services were to be available to as many children as possible who needed help. Finally, a treatment appropriate to a child's specific needs and respectful of him as an individual was to be the rule.

In the past 13 years, we see that aside from traditional individual psychotherapy, other treatment modalities—family therapy, behavior modification, psychochemotherapy, group therapy, milieu therapy—have achieved increased prominence and usage. More children from seriously disturbed families, children with mental retardation, severe behavior disorders, cerebral organicity and dysfunction, developmental ego disorders and psychoses, and children with multi-problem families were coming to the

Dr. Belmont is professor and deputy chairman of the mental health sciences department of Hahnemann Medical College & Hospital. This material first was presented at the Symposium on Current Issues in Community Mental Health sponsored by the college in June 1980.

child mental health professional. These larger numbers required treatment other than individual psychotherapy. Generally, our therapeutic armamentarium and our training programs have expanded in breadth and flexibility.

People other than child psychiatrists have been performing therapy. Social workers, psychologists, counselors, mental health workers, and adult psychiatrists have led child psychiatrists to examine their specific roles. Individual dynamic psychotherapy is no longer the exclusive province of the child psychiatrist or the only treatment method for all children's problems. It is important however that those practicing it be well trained. The child psychiatrist should recognize that these other disciplines should be used appropriately and with maximum efficiency. At the same time, he must beware of a "cook book" approach to psychotherapy.

Child psychiatrists are thus more a part of training, supervising and collaborating with other professional disciplines. Often they are best qualified to orchestrate diagnostic entity, therapeutic modality, professional discipline, and specific therapist.

The child psychiatrist who deals with the broadened scope of problems justifiably can claim special skills in the area of interrelationship of body and mind and the role of organic factors. He has a specific aptitude in viewing psychological issues in a developmental context. His medical training and experience have developed in him a dependable capability to assume responsibility for decision-making in crises. His training has prepared him with valuable skepticism regarding the exclusive efficacy of any specific intervention process and with solid training in scientific objectivity.⁵ This does not mean, however, that he alone possesses the skills for all types of psychotherapy, nor even that he is the best qualified in

any particular modality.

Other changes have taken place. Involvement with other than purely psychoneurotic diagnostic categories, and work with those agencies and professionals dealing with them have increased. There has been increasing clinical awareness of early intervention, and emphasis on prevention, as well as the importance of child development in training and as a basis for application in therapy. Attention has focused more on short term therapy, symptomatic treatment, and crisis intervention alongside longer term therapy. There seems to be less insistence on determining an *exclusively* psychodynamic basis for all symptoms—e.g. for all cases of enuresis, hyperactivity, learning problems, reading problems, and ego disturbances.

A child mental health professional trained during this period appears to have a more variegated set of therapeutic options. He is equipped to deal differently with different patients. He is not limited to a fixed therapeutic orientation nor a restricted diagnostic caseload.

Treatment settings, such as the day hospital, special educational settings, therapeutic nursery and other social agencies, are being used more readily. This is an automatic consequence of increasing representation in the caseload of delinquent, mentally retarded, child abused, developmentally deprived, psychotic, and neurologically and educationally disabled patients.

The child mental health professional has been occupied for some time with the developmental concepts of epigenesis and early psychobiological influences. Currently, this interest, particularly in prevention and early intervention, is being squeezed by the power of third party funding. Third party funding has shifted toward diagnostic labeling of patients for compensable services. But children

may be disadvantaged by a diagnostic label. The powerful role of early prevention and early intervention will become (actually have become) a labor of love rather than a primary compensable child psychiatric objective. The American Association of Psychiatric Services for Children is advocating a correction of this trend by urging the need for block grants.¹

Another change in the current position of the skilled child mental health professional is that as the mental health care of children is emphasized, more primary care physicians are getting involved. Specialized child mental health training is being ignored.⁶ Without the skillful liaison and collaboration of highly trained child mental health professionals with primary care workers, we indeed may fall into the traps that concerned us 13 years ago. Skilled personnel more than ever will be needed to train primary care providers in mental health, to help them triage those cases for which they are equipped, and to provide intensive and skillful treatment for those cases which cannot be managed properly by primary care workers.

What about the concerns and threats of 13 years ago? It is a notable achievement that in a short time, child psychiatric services have been brought to vast numbers of children who earlier had little access to them. These services are being provided closer to home. The skills of other disciplines and the new modalities of therapy, the increased availability of different treatment settings, the possibility of continuity of care with less disruption of home and community supports, the increasing applications of child psychiatry—all have been of inestimable value in raising the level of potential for mental health of children.

All of this progress, however, could have been negated if we had failed to keep watch over a correlation between

the particular skills and aptitudes of the treaters, the rationale and objectives of the different treatment methods, the developmental levels and dynamics of the treated, and the varied levels of treatment objective. In this area we too often fall short of the mark.

Just as it is limiting and ineffective to use a fixed one-to-one traditional dynamic psychotherapeutic approach with a group of developmentally deprived youngsters, so is it equally inappropriate for a well-meaning but developmentally and dynamically untrained staff person to apply indiscriminately and cookbook style his treatment approach to any and all patients. The problem, unfortunately, is too often masked by the nonspecific gratuitous effects of the therapist's shotgun approach. The danger persists that any semblance of professionalism will be obscured and mired in the surface effects of mediocrity.

Daniel Lieberman⁷ commented on some burdensome factors in the community mental health center movement. He named various influences

that had operated against the effective and high quality operation of the community mental health centers, among them trends toward anti-professionalism, along with discouragement from the lack of medical doctor training, education and participation; bureaucratic strangulation; anti-community power; and politically motivated forces. He also pointed to the tendency to shift the major goal of the community mental health center from treatment to modification of social forces aimed at changing a sick environment. These factors coupled with increasing dissociation from major medical institutions and a loss of federal support have challenged the continued efficacy and quality of community mental health center services and with them, children's services.

Conclusion

In this relatively recent commentary by Lieberman, based on his experience as director of a community mental health center, we see a concern with some of the very same issues which have occupied us all along. Ad-

mittedly, many of the threats and concerns of 13 years ago have not been eliminated. But through our efforts to master them, there has been a growth and maturation in the scope and dimension of child psychiatry. It is important that these advances not be relegated totally to the realm of the academic, as now threatens to be the case under the impact of overwhelming fiscal and political pressures.

REFERENCES

1. *Problem areas in child mental health*. Statement issued by American Association of Psychiatric Services for Children, April 1975.
2. **Richmond, Julius B.**: *Bradley Scope*, Vol. 6, No. 1, Bradley Memorial Hospital, Southington, Cor., March 1980.
3. **Belmont, Herman S.**: Community mental health dynamic child psychiatry. *PENNSYLVANIA MEDICINE*, 71:53-56, March 1968.
4. **Belmont, Herman S.**: Wish or reality. *MH*, The Public Information Department of the National Association for Mental Health, Vol. 57, No. 3, Summer 1979.
5. **Adams, Robert S., Futterman, Edward H.**: The multiple role of the community child psychiatrist. Statement prepared for the Committee on Community Child Psychiatry, American Academy of Child Psychiatry.
6. *A Response to the NIMH forward plan 1978-1982*. Prepared by the American Association of Psychiatric Services for Children, May 1977.
7. **Lieberman, Daniel**: The rise and fall of the community mental health center. *Psychiatric Opinion*, 16:31-37, July/August 1979.

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Sarcoidosis of the foramen magnum

Tomas E. Delgado, MD
Seungho H. Lee, MD
Vasantha Kumar, MD

Neurosarcoidosis most frequently affects the cranial nerves, especially the facial, both the meninges and the parenchyma of the brain, followed by peripheral nerves.^{1,2} Intraspinal and spinal cord sarcoidosis are rare.³⁻⁵ Although a case of cervical intradural extramedullary sarcoidosis was reported recently,⁴ to our knowledge no case of foramen magnum sarcoidosis has been reported.

Case report

A 37-year-old black female was admitted through the accident ward with a three-week history of weakness and numbness of all four extremities. She had received Swine-flu shots a few weeks prior to the onset of her symptoms. Her symptoms started in her left leg and spread to the left arm, right arm, and right leg, in that order. She had good control over her bladder and bowel functions. No cranial nerve findings were noted.

Examination showed an alert, well-oriented, euphoric black female with inappropriate judgment. She had weakness of all four extremities, greater on the left than on the right; she could barely lift against gravity. Pinprick was diminished on the left half of the body up to the C-5 dermatome, with intact touch and joint position. All deep tendon reflexes were hyperactive and plantars were flexor on both sides.

Routine laboratory studies, including sedimentation rate and serum protein electrophoresis, were within normal limits. VDRL was negative. Chest x-ray revealed diffuse linear increased densities throughout both upper lobes, continuous with the hilar region. Tomograms confirmed diffuse fibrosis, but failed to reveal any hilar masses. PPD was negative at 24, 48, and 72 hours. Kveim test was not done.

The patient and her husband refused further investigation until two weeks later when she began to develop



Figure 1. AP cervical myelogram demonstrates complete block at the C3-4 level, with a suggestion of intradural extramedullary lesion. Lower cervical spinal cord is not enlarged.

flexor spasms and loss of sphincter control. She had bilateral Hoffman's and Babinski signs. Cervical myelogram with iophendylate revealed a complete block at the C3-4 level suggestive of an intradural extramedullary mass (Figure 1).

The cerebrospinal fluid examination showed 9 red blood cells and 0 white cells per mm,³ protein 93 mg percent, glucose 58 mg percent, colloidal gold 0001222211 and gamma globulin 19.6 percent.

Surgery

C1 to C4 laminectomy and suboccipital craniectomy showed a normal epidural space, with no cerebrospinal

fluid pulsations. Following an incision of the dura, a firm, rubbery, and relatively avascular mass was found in the intradural and extramedullary location (Figure 2). This extended superiorly through the foramen magnum into the cisterna magna and the floor of the fourth ventricle.

The cervico-medullary junction was deformed due to compression. Most of the mass was dissected away from the spinal cord and was removed in piecemeal fashion. The part attached to the floor of the fourth ventricle was not disturbed due to fluctuation in the patient's vital functions with minimal manipulation.

The histological examination showed a noncaseating granulomatous inflammation with multinucleated giant cells both of Langhans and foreign body type. Necrosis and caseation were absent. Some areas showed moderate lymphocyte infiltration. Microscopic sections and cultures for acid fast and fungi were negative.

Extremity function showed improvement within 24 hours following surgery. She continued to regain motor function on Decadron and Prednisone. She recovered her bladder and bowel control. Postoperative computed tomography of the upper spine, craniocervical junction, and brain did not reveal any abnormality.

On one-year followup, after a continuous rehabilitation program, she could walk and take care of herself without assistance. Slight spasticity in all extremities remained the only neurological deficit.

Discussion

Sarcoidosis, also known as Benier-Boeck-Sheurmann Disease, is a noncaseating, chronic granulomatous disease of unknown etiology affecting multiple organs. This disease involves the nervous system from 3 to 17 percent.^{2,6} In all of these series the pathologic lesions were seen predominantly in cranial nerves, meninges,

Drs. Delgado and Kumar are in the neurosurgery department at Temple University Hospital, Philadelphia. Dr. Lee was in the radiology department at Temple and now is at Upstate Medical Center, Syracuse, New York.

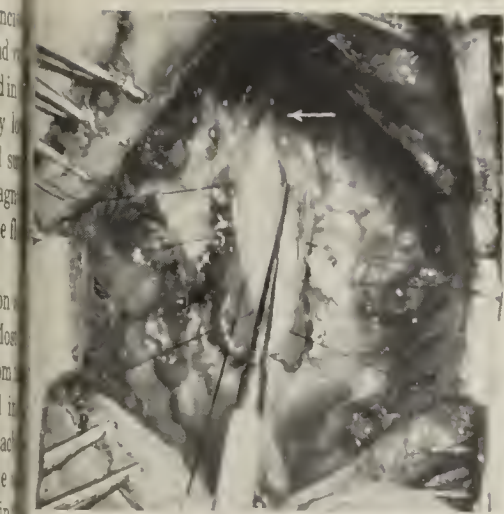


Figure 2. Suboccipital craniectomy and cervical laminectomy with excision of the dura exposes the tumor in the upper cervical region extending into the cervicomedullary junction (arrow). This tumor also involves the floor of the fourth ventricle.

es, the floor of the third ventricle, the pituitary gland, and peripheral nerves.^{1,2}

Vertebral and spinal sarcoidosis are rare.^{7,8} Most of the cases of sarcoidosis with spinal cord involvement showed arachnoid and parenchymal granulomas. Although intramedullary spinal cord involvement is reported in the cervical and thoracolumbar regions, there is only a case of intradural extramedullary sarcoidosis reported in the cervical region recently.⁴

In extensive reviews of lesions in the foramen magnum, no case of sarcoidosis is reported.^{9,10} Our rare case in the foramen magnum involves not only the intradural extramedullary space of the upper cervical spinal canal, but also extends intracranially into the floor of the fourth ventricle.

Variety of clinical expressions of the sarcoidosis of the nervous system makes it difficult to differentiate from other spinal cord lesions, such as Guillain-Barre syndrome, multiple sclerosis, or amyotrophic lateral sclerosis.^{11,12} The history of a recent Swine-

flu shot in our patient followed by flaccid paralysis of both extremities suggested a causal relationship between them.¹³

The spinal cord compression symptoms in a patient with a known sarcoidosis cause no diagnostic problems. Yet, when it is the first manifestation of the disease, as in our case, the clinical diagnosis may be difficult. In our case, the diagnosis could have been suggested by the presence of diffuse pulmonary fibrosis in the lungs.¹² Spinal cord compression may result not only from mass lesions, but also from arachnoiditis and meningeal thickening.^{2,5,14} Focal vascular lesions also may contribute.⁵

Cerebrospinal fluid changes are reported to show pleocytosis, high protein with high globulin, and low or normal glucose.^{1,2,11,15,16} These cerebrospinal fluid changes, however, are not pathognomonic of central nervous system sarcoidosis. Positive Kveim test with negative PPD test is perhaps the most specific for making the diagnosis of systemic sarcoidosis.^{17,18} Abnormal chest x-ray findings, such as pulmonary fibrosis or hilar lymph node enlargement may be helpful in increasing the diagnostic index of suspicion of sarcoidosis, as in our case.

Myelography, using Pantopaque, demonstrated a complete block at C3-4, due to a mass suggestive of intradural extramedullary lesion. These findings are not specific or common presentations of the spinal sarcoidosis.³ CT was not done prior to surgery but postoperative followup CT scan in our case showed no contrast-enhancing lesion in the cervical spine or the cranium.

Although cranial CT demonstrated nonspecific contrast enhancement of neurosarcoidosis,^{20,21} no CT findings of the spinal sarcoidosis have been reported to our knowledge. Perhaps the new generation CT scans may be of value in the diagnosis and treatment of the spinal sarcoidosis.

Surgical decompression with complete or partial removal of the mass and subsequent steroid therapy are considered to be the most effective measures in spinal cord sarcoidosis. Considerable benefit from such a regimen has been reported in a number of patients, as in our case.^{3,4,19} □

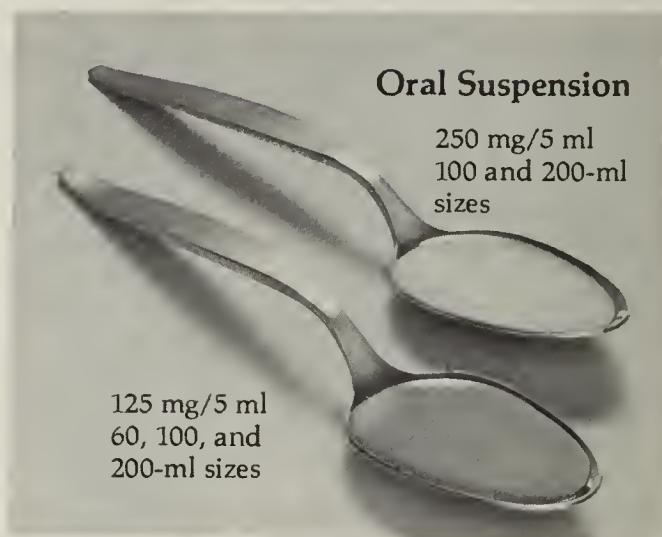
REFERENCES

1. Pennel, L.E.: Boeck's sarcoid with involvement of the central nervous system. *Arch Neurol and Psychiat* 66:728-737, 1951.
2. Wiederholt, W.C., Sieckert, R.G.: Neurological manifestation of sarcoidosis. *Neurology (Minneapolis)* 15:1147-1154, 1965.
3. Day, A.L., Sybert, G.W.: Spinal cord sarcoidosis. *Ann Neurol* 1:79-85, 1977.
4. Baruah, J.K., Glasaver, F.E., Sil, R., Smith, E.H.: Sarcoidosis of the cervical spinal canal: case report. *Neurosurgery* 3:216-218, 1978.
5. Snyder, R., Towfighi, J., Gonator, N.K.: Sarcoidosis of the spinal cord: case report. *J Neurosurg* 44:740-743, 1976.
6. Mayock, R.L., Bertrand, P., Morrison, C.E.: Manifestation of sarcoidosis: analysis of 145 patients, with a review of nine series selected from the literature. *Am J Med* 35:67-89, 1963.
7. Erickson, T.C., Odom, G.L., Stern, K.: Boeck's disease (sarcoid) of central nervous system: report of a case with complete clinical and pathological study. *Arch Neurol Psychiat (Chicago)* 48:613-621, 1942.
8. Wood, E.H., Bream, C.A.: Spinal sarcoidosis. *Radiology* 73:226-233, 1959.
9. Love, J.G., Thelen, E.P., Dodge, H.W. Jr.: Tumors of the foramen magnum. *J Int Coll Surg* 22:1-17, 1954.
10. Yasuoka, S. et al: Foramen magnum tumors. Analysis of 57 cases of benign extramedullary tumors. *J Neurosurg* 49:828-838, 1978.
11. Moldovev, A.: Sarcoidosis of the spinal cord: report of a case with remission associated with cortisone therapy. *Arch Intern Med* 102:414-417, 1958.
12. Siltzbach, L.E.: Sarcoidosis: clinical features and management. *Med Clin North Am* 51:483-502, 1967.
13. Parkin, W.E., Beecham, H.J., Streiff, F., Sharrar, R.G., Harris, J.C.: Guillain-Barre syndrome and influenza immunization. Relationship studied in Pennsylvania. *PENNSYLVANIA MEDICINE* 81:47-52, 1978.
14. Aszkanazy, C.L.: Sarcoidosis of the central nervous system. *J Neuropath Exp Neurol* 11:392-400, 1952.
15. Walker, A.G.: Sarcoidosis of the brain and spinal cord. *Postgrad Med J* 37:431-436, 1961.
16. Campbell, J.N., Black, P., Ostrow, P.T.: Sarcoid of the cauda equina: case report. *J Neurosurg* 47:109-112, 1977.
17. Nelson, C.T.: Kveim reaction in sarcoidosis. *Arch Derm Symp (Chicago)* 60:377-389, 1949.
18. Herring, A.B., Ulrich, H.: Sarcoidosis of the central nervous system. *J Neurol Sci* 9:405-422, 1969.
19. Banerjee, T., Hunt, W.: Spinal cord sarcoidosis: case report. *J Neurosurg* 36:490-493, 1972.
20. Kendall, B.E., Tayler, G.L.V.: Radiologic findings in neurosarcoidosis. *Br J Radiol* 51:81-92, 1978.
21. Kumpe, D.H., Rao, C.V.G.K., Garcia, J.H., Heck, H.F.: Intracranial hemisarcoidosis. *J of Comp Assist Tomogr* 3(3):324-330, 1979.

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Mushroom poisoning in Berks County

occo Chirieleison, MD
ohn Beutler, PhD

Of the many mushrooms known to cause poisoning in humans, *amanita phalloides* Fr. is the species most often implicated in fatal cases of mushroom poisoning in Europe.¹ A recent study conclusively established that this fungus appears in the eastern U.S.² Other species containing similar toxins have long been known to grow in the East.³

A. phalloides contains a series of structurally related toxins, the most important of which are the cyclopeptides α - and β -amanitin. These toxins reversibly inhibit eukaryotic RNA polymerase II, a key enzyme in protein synthesis.¹

The most common cause of death in cases of poisoning is hepatic failure in the week following ingestion of the fungus. Renal function also is impaired by the toxins, and renal failure has been observed in protracted cases of mushroom poisoning.⁴

A lag period of about 12-24 hours typically is observed before the onset of severe nausea, vomiting, and diarrhea. A remission of these symptoms before the final and most dangerous phase of the poisoning makes these cases particularly insidious, since the patient may not be seen until the second or third day after ingesting the mushrooms. Unfortunately many patients are discharged after the initial episode of gastrointestinal distress. This allows hepatic failure and other toxicity to develop without close medical supervision.

This report describes two related cases of poisoning as a result of *A. phalloides* ingestion which occurred in October 1979. The clinical presentation and abnormal laboratory values are consistent with previous reports.⁶ In these two cases the toxins were detected in canned specimens supplied by the victims' neighbors, and in subsequent collections of fresh mushrooms made at the site where they had been picked.

Case 1

A 65-year-old man was admitted to the Reading Hospital approximately 60 hours after eating wild mushrooms

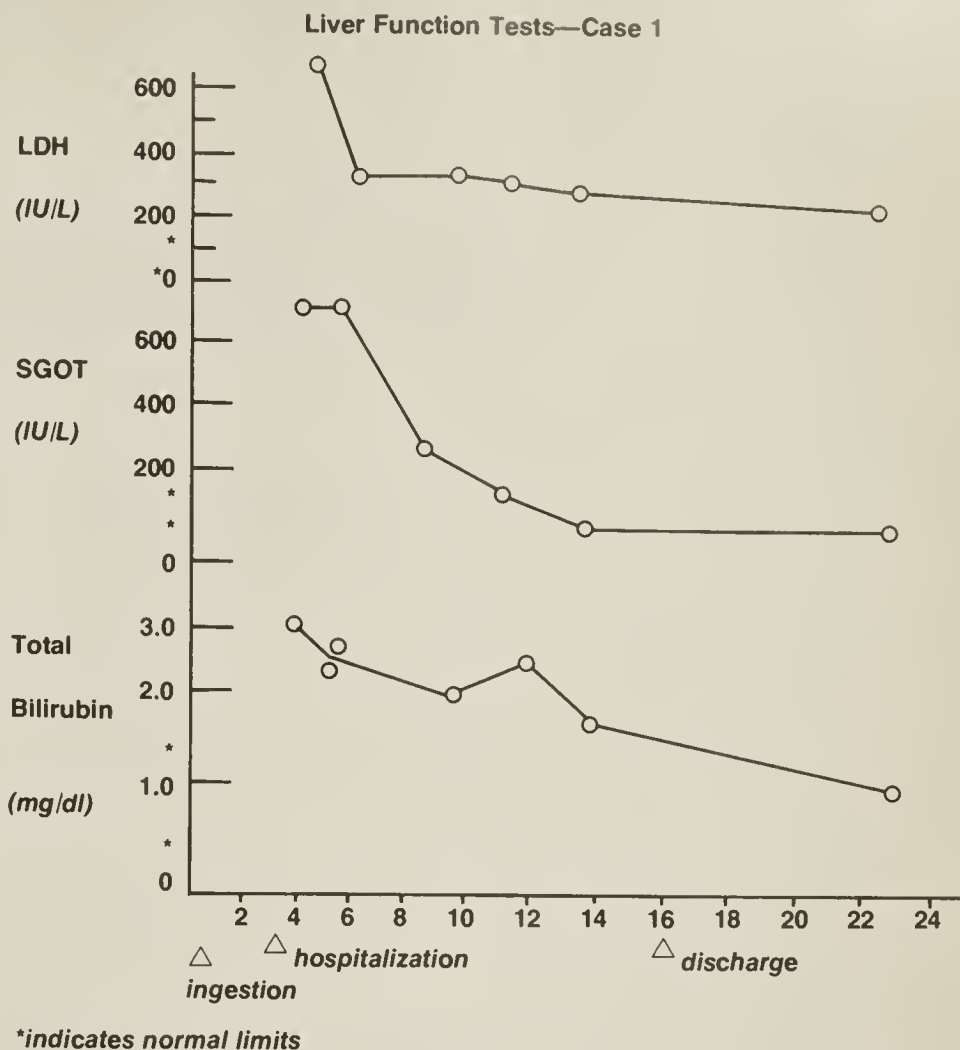


Figure 1. Improvement in hepatic function in case 1 as shown by LDH, SGOT, and total bilirubin values.

picked by a neighbor. Approximately 10 hours after the meal he had severe abdominal cramps followed by severe vomiting, and explosive diarrhea. Thirty to 40 episodes of vomiting and diarrhea were recorded over a 24 hour period. The diarrhea persisted until the third day, prior to admission.

On admission the patient was dehydrated. The level of serum creatinine was 5.3 mg/dl. He complained of numbness and tingling in his hands and feet. His physical examination was within normal limits,

with no gross neurologic abnormalities.

Laboratory diagnosis confirmed hepatic and renal impairment (Figures 1 and 2). Lactic dehydrogenase and serum glutamate oxalacetate transaminase both were elevated initially. They began to fall after several days. Renal function tests returned to normal over a 21-day period.

The patient improved clinically and was released 13 days after admission. On discharge his liver function was nearly normal. Renal function was diminished slightly on discharge (creatinine 3.7 mg/dl, uric acid 8.4 mg/dl, BUN 52 mg/dl). Followup laboratory studies one week after discharge showed nearly normal renal function.

The patient showed no signs of coma or encephalopathy throughout the hospitalization.

Dr. Chirieleison is from the diagnostic clinic of the Reading Hospital and Medical Center, Reading. Dr. Beutler was in the biological sciences department of the Philadelphia College of Pharmacy and Science, and now is in the chemistry department at Northeastern Univ., Boston.

Kidney Function Tests—Case 1

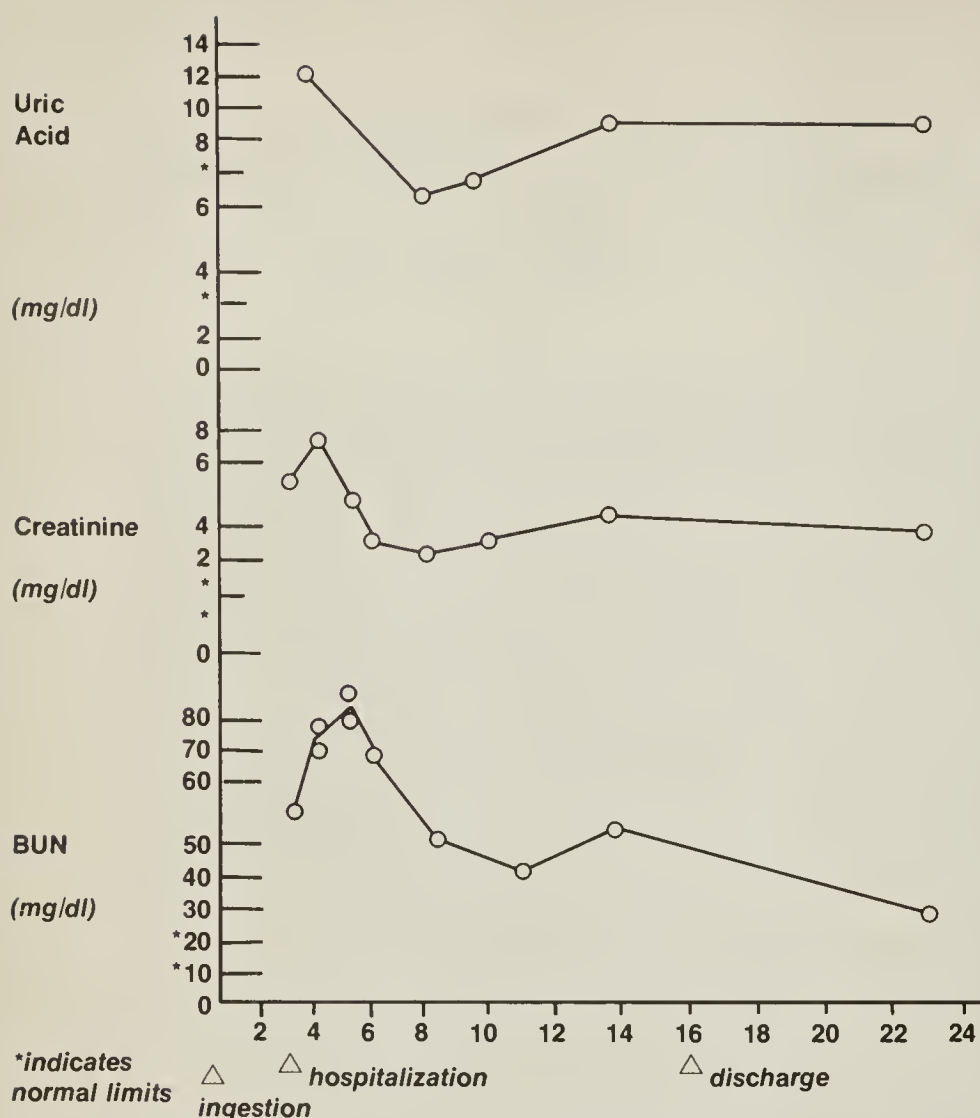


Figure 2. Improvement in renal function in case 1 as shown by blood values of uric acid, creatinine, and BUN over a three week span.

Case 2

The first patient's 80-year-old step-mother also ate the mushrooms and experienced similar vomiting and diarrhea. She was admitted to the hospital in a dehydrated state. On admission serum creatinine was elevated (3.6 mg/dl) and prothrombin time was elevated at 92 sec. (control = 11 sec.). She was oliguric and in shock. She had atrial fibrillation with barely palpable blood pressure.

Other elevated values included glucose (166 mg/dl), BUN (33 mg/dl), SGOT (2560 IU/L), and LDH (over 600 IU/L).

Initial treatment consisted of fluid replacement, plasma, and albumin. Initially she responded, but over the next 24 hours there were repeated episodes of hypotension and signs of shock. These were treated with fluid replacement and dopamine.

On the next day she became nonre-

sponsive, bradycardic, and had respiratory arrest. Attempts at cardiac resuscitation were unsuccessful, and she was pronounced dead on the fifth day after ingestion of the mushrooms. Thioctic acid (a possible antidote)⁷ was finally obtained, but it arrived just after she died.

Comments

Thin layer chromatography⁵ of samples with authentic reference standards was used to demonstrate the presence of the toxins. Canned mushrooms were obtained from the neighbors who had picked them.

The mushrooms were analyzed. The canning juice contained 0.06 mg/ml of the amatoxins α -, β -, and γ -amanitin in the proportion 48:26:17. The mushrooms themselves showed lesser amounts of the toxins, presumably because the intact toxins had been extracted from the mushrooms in the

canning process. The patients ate sauteed mushrooms from the same lot as those which were canned.

Analysis of freshly picked *A. phalloides* from the same location showed a total of 3.9 mg/gm dry weight of amatoxins α -, β -, γ -, and possibly ϵ -amanitin, in the ratio of 49:19:24:1. These different amatoxins possess similar toxicity in animals,⁶ and have similar molecular structure, and thus the total load of amatoxins in the body determines the degree of toxicity.

The mushrooms were identified initially as *A. phalloides* on visual inspection by Joseph Czarnecki of Reading, a local mushroom expert. This was confirmed by microscopic examination of both canned and fresh specimens, and comparison with authenticated specimens in our laboratories.^{2,3} Dr. Donald Simons, head of the toxicology committee of the North American Mycological Association also confirmed the determination of the species.

Effective treatment in Amanita poisoning consists of supportive care, balancing electrolytes, and maintaining pressure and fluid volume, beginning as soon as possible after ingestion.

In the two cases reported, the patients did not come to the hospital until the third day after ingestion. Other workers have reported recovery rates as high as 90 percent when prompt intensive care is given to victims of *A. phalloides* poisoning.⁶ Contact with experts in mycology, chemistry, and toxicology through poison control centers can assist the physician in confirming the diagnosis of mushroom poisoning and provide guidelines for specific treatment.

REFERENCES

- Wieland, T.: Poisonous principles of mushrooms of the genus *Amanita*. *Science* 159:946-959, 1968.
- Tanghe, L.J., Simons, D.M.: *Amanita phalloides* in the eastern United States. *Mycologia* 65:99-108, 1973.
- Yocum, R.R., Simons, D.M.: Amatoxins and phallotoxins in *Amanita* species of the northeastern U.S. *Lloydia* 40:178-190, 1977.
- Myler, R.K., Lee, J.C., Hooper, J.: Renal tubular necrosis caused by mushroom poisoning. *Arch Int Med* 114:196, 1964.
- Andary, C., Enjalbert, F., et al.: Dosage des amatoxines par spectrophotométrie directe sur chromatogramme chez *Amanita phalloides* Fries (Basidiomycetes). *J Chromatog* 132:525-532, 1977.
- Usadel, K.H., Wdowinski, J.M., et al.: Treatment of hepatotoxic mushroom poisoning. *New Eng J Med* 300:1223, 1979.
- Berkson, B.M.: Thioctic acid in treatment of hepatotoxic mushroom (*phalloides*) poisoning. *New Eng J Med* 300:371, 1979.

INDICATION: Methyltestosterone is 17β -Hydroxy- Δ^4 -androst-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **EFFECTS:** In the male: 1. Eunuchoidism and gynecomastia. 2. Male climacteric symptoms when these are due to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-puberal cryptorchidism. 5. Evidence of hypogonadism. Cholestatic hepatitis, jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal insufficiency. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia, particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. In the male: Eunuchoidism and gynecomastia, 10 to 40 mg. Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg. Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only

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Psychiatrist and physicians — Board certified or Board eligible Pennsylvania licensure required. Immediate openings. Excellent opportunity to work in developing new programs in a state hospital. Salary competitive. Limited housing available. Excellent fringe benefits. 40 miles east of Pittsburgh. Call (412) 459-8000 or write to Ray Bullard, MD, Superintendent, Torrance State Hospital, Torrance, PA 15779. An Equal Opportunity Employer.

California — Director positions available. Emergency medicine physicians needed for rural Northern California areas. Excellent opportunity to join growing partnership of career emergency physicians. Emergency medical residency, board certification or at least two years experience required. Excellent benefit package and profit sharing. Contact Judy Neal, California Emergency Physicians, 440 Grand Ave., Suite 500, Oakland, CA 94610; (415) 32-6400.

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Pennsylvania — Emergency medicine group being formed to staff emergency department of a major teaching institution (326 beds) in Philadelphia. Seeking career oriented physicians who are board eligible or certified in emergency medicine or in the major specialties who have a strong desire to teach. Responsibilities include clinical activity and monitoring the activity of medical and surgical residents assigned to the emergency department. Income is commensurate with training and experience

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Emergency Medicine: North Central PA — Geisinger Medical Center, a large tertiary care institution, is seeking physicians for directors and staff positions for its several new emergency medicine contracts. GMC is now contracting to manage and staff area emergency departments in a variety of community hospitals. Superb area for outdoor activities. Competitive salary and excellent benefits package with generous continuing medical education leave. Staff appointment includes affiliation and associate faculty of Emergency Medicine Residency Program at Geisinger Medical Center. Send resume or contact: Mark P. Rorem, MD, Director, Department of Outreach Emergency Medicine, Geisinger Medical Management Corporation, Danville, PA 17822; (717) 271-8120/(717) 724-1631.

Physicians — for clients in Pennsylvania and Massachusetts Specialists in FP, PD, ENT, psychiatry, orthopedic surgery, neurosurgery, neurology, rheumatology, and ophthalmology (retinal). Please call E.J. Mowry, (215) 348-8700.

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Medical ophthalmologist — 43 y/o American board certified desires satisfactory position in established practice. Will consider all locations. Curriculum vitae on request. Write Department 863, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

CONTINUING EDUCATION

Seventh Annual Family Medicine Review Course — June 28-July 3, 1981 Ocean City, Maryland. Sponsored by the Department of Family Medicine University of Maryland. Information contact: Program of Continuing Education, 10 S. Pine Street, Baltimore, MD 21201 or (301) 528-3956.

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Doctor retiring after forty years practice — office 850 sq. ft. with Colonial four bedroom home attached. Excellent opportunity for general practice, dermatologist, or allergist. Location Cleona, Lebanon County, PA, 10 miles from Hershey Medical Center. Call Geller Real Estate Co. (717) 272-5637, or write Box 706, Lebanon, PA 17042.

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Pennsylvania Medicine

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JUNE 1981

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PENNSYLVANIA'S
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MADE IN U S A



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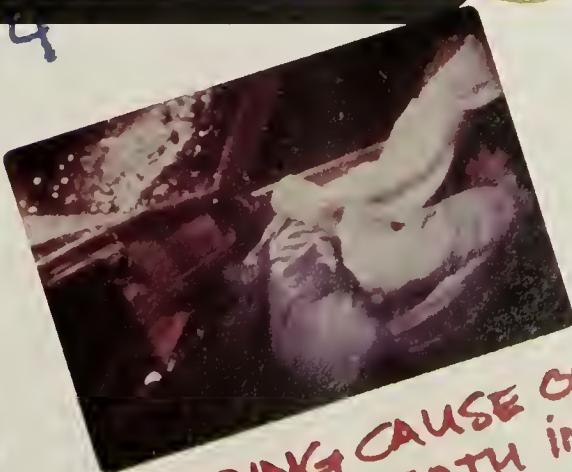
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A special quality of relief



DR. MASLAND ELECTED
BY INSURANCE GROUP

David S. Masland, MD, of Carlisle, chairman of the Board of Directors of the Pennsylvania Medical Society Liability Insurance Company, was elected in May to a three-year term as trustee of the Physician Insurers Association of America (PIAA). The PIAA consists of 29 physician-owned professional liability insurance companies doing business in 25 states.

WELFARE SECRETARY SAYS
"PHYSICIAN SUPERVISES"

"The medicaid law is clear that a physician must supervise the provision of medical services, including psychiatric services. . . ." This is what DPW Secretary Helen O'Banion declared in a letter to David J. Keck, MD, chairman of the Society's Board of Trustees May 18. The statement supports guidelines on patient care adopted by the Pennsylvania Psychiatric Society and the position taken by the PMS Board of Trustees in response to resolutions adopted by the State House of Delegates last November (see PENNSYLVANIA MEDICINE May 1981). The issue was raised as a result of reports that physicians are signing for patient services provided by staff members in the community mental health system.

NEIGHBORING STATES SEE
MALPRACTICE RATES RISE

In both Ohio and New Jersey, physician-owned malpractice insurance companies have been driven to seek premium increases by a sharp rise in the frequency and severity of claims. The Physicians' Insurance Company of Ohio reports a 25 percent average premium increase for all physicians. In New Jersey, the physicians' insurance company has requested a 9.7 percent all classification increase. They join companies in New York, where a 71 percent increase has been filed, and Maryland, where a 34 percent increase has been requested. A study by the National Association of Insurance Commissioners shows a 70 percent increase in the average closed claims award of 70 percent in three years.

PMS GOLF TOURNEY
SET FOR LANCASTER

Lancaster Country Club is the site of the 1981 tournament of the Pennsylvania Medical Golfing Association. Competitors should mark their calendars for Monday, September 21, 1981. Details about entry fees and tee off times will be announced in July.

HONOR AMERICA
DAYS APPROACH

Flag Day through Independence Day, June 14 through July 4, 1981, have been set aside as "Honor America" days. Organizations at every level are supporting the program. Participation requires only that you display the flag at your home and office every day during the period. Other public activities will mark the days in communities throughout the nation. The 94th Congress adopted legislation declaring this three-week period a special time for citizens to honor the country. Governors of all 50 states have signed proclamations in support.

Pennsylvania Medicine

**Pennsylvania
Medicine**



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editorial

Deregulation: formidable task, questionable effect

The Reagan administration's philosophy for economic recovery is to stimulate competition by the gradual phase-out of federal regulation. Only those regulations which are the least expensive method by which to achieve a goal will be retained. The economic incentive or competitive plan is a refreshing change from the stifling regulation-dominated morass that has persisted over the last several decades.

But deregulation will not be easy to achieve. Perhaps the major obstacle will be in nullifying that which has already been implemented. This is almost as formidable a task as removing taxes. Regulations, once in effect, can be changed only by retrogression. Unbelievable as it seems, the administration may find it necessary to litigate many of the established rules. The government may be forced to sue itself.

Budgetary cuts in health are expected to total more than \$2 billion. Leading the list monetarily is a predicted \$1 billion net saving forecast by a proposed cap on medicaid payments.

Policymaking areas facing extinction or severe financial cutbacks include health planning (HSA) and peer review (PSRO). The Department of Health and Human Services (HHS) noted of the HSA, "It has not proved effective in controlling costs on a national basis, and it inhibits market forces needed to strengthen competition and provide less costly services."

Supporters and opponents of PSRO alike have been vocal. The argument centers on the influence that the peer review process has had. Carolyn Davis, chief of the Health Care Financing Administration at HHS called the process "ineffective" and favored the "competitive ethic" to provide the assurance of good care at reasonable prices. But Dr. Helen Smits, former director of Health Standards and Quality Bureau at HHS said, "We'll need quality assurance even if the system becomes more competitive. Consumers just can't make good choices about what is and isn't quality care."

PSRO was to be a regulatory mechanism for reducing costs by eliminating unnecessary treatment and unnecessary hospitalization and, at the same time, for maintaining

quality medical care. The goals are contradictory. Quality medical care is expensive. PSRO, according to the economic plan, is to be phased out by 1984.

Federal support of HMOs is being whittled down as financial support of the Public Health Service. Says HHS, "The growing public recognition and acceptance of the HMO concept . . . diminishes the need for federal financial incentives to spur development of this once fledgling industry." The Public Health Service, all eight hospitals and clinics, will be eliminated because the hospitals are underused and often are in areas where other health care facilities provide the needed services.

Two block grants have been proposed to replace the more than 40 separate health and social service programs now sponsored by the federal government. *States would assume management of the programs when federal controls are rolled back.* Significant funding reductions are tied to the recombination of programs. The chairman of the American Council on Legislation, Frederick Ackerman, MD, said, "The proposals represent the view that states are better able to determine the needs of their citizens and to target program funding to better meet local needs. The proposals also reflect the potential cost savings that can be achieved through an end to rigid, expensive, and complex federal requirements."

James J. Miller, III, PhD, executive director of the President's Task Force on Regulatory Relief said, "The nation has just seen the tip of the iceberg when it comes to regulatory relief." The hoped-for result of deregulation is that voluntary cost containment, through a rebirth of competition, will become more effective. Past experience has shown that regulatory cost controls present a distorted picture of the market, and that when controls are removed, prices rise quickly in an effort to stabilize economically with the current market. Competition will not make costs low, but will provide incentives to reduce the rate at which they are rising.

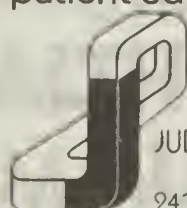
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Reagan health policy discussion dominates conference

A wide array of subjects was addressed by a group of distinguished experts when Pennsylvania's medical leadership gathered at the Society's 1981 Officers' Conference in Camp Hill April 22-23.

The theme, "Socioeconomic Issues of the Eighties," covered such areas as the health policy of the Reagan administration, malpractice loss prevention, the supply of physicians, competition in medicine, and the future role of the AMA.

Robert J. Rubin, MD, a special assistant to Secretary Richard Schweiker in the Department of Health and Human Services, outlined the Reagan administration's health strategy. John W. Burnside, MD, professor of medicine at Hershey, shared his experiences during a year-long Robert Wood Johnson fellowship in the nation's Capitol. Dr. Burnside wrote of his Washington experiences in the October 1980 issue of *PENNSYLVANIA MEDICINE*. In coming issues other Officers' Conference presentations will be featured.

Leroy A. Gehris, MD, PMS president, presented a six-month report to open Officers' Conference. Other speakers included Leo M. Henikoff, MD, dean of Temple University School of Medicine; Paul C. Royce, MD, PhD, director of medical education at the



DR. RUBIN

Guthrie Clinic, Sayre; Judith R. Brown, RN, JD, director of risk management and loss prevention for the PMS Liability Insurance Company; James R. Kimmey, MD, executive director of the Institute for Health Planning, Madison, Wisconsin; Robert B. Hunter, MD, president of the AMA; and Brenda Baumann, MD, chairman of the PMS Advisory Committee on Member Recruitment.

PBS forms new advisory council of professionals

A new advisory council representing the views and concerns of health care providers met for the first time April 15, at Pennsylvania Blue Shield in Camp Hill.

The Professional Advisory Council is a group of 30 health service doctors who will represent the more than 23,000 Pennsylvania Blue Shield participating doctors of medicine, osteopathy, dental surgery, podiatry, and optometry.

Elected as chairman of the council was Peter N. Hillyer, MD, of Devon. Dr. Hillyer, an internist who has been in private practice for more than 15 years, is clinical assistant professor in the medicine department of Temple

University Hospital.

William H. Jeffreys, MD, of Danville, was elected vice chairman. Dr. Jeffreys is director of the neurology department at Geisinger Medical Center.

Joseph T. Ichter, MD, vice president for medical affairs at Pennsylvania Blue Shield, said that the council's purpose is to promote communication between PBS and the doctors who are directly affected by its policies and practices. It will serve as a counterpart to the Subscriber Advisory Council which was formed in 1960. Both the Professional and Subscriber Advisory Councils report directly to the PBS board of directors.

Dr. Rubin said the Reagan administration's health plan for fiscal 1982 rests on these points:

- A consolidation of existing categorical health services and health promotion programs in a health services block grant and a preventive block grant;

- Revision of health profession legislation so that it reflects the change in demand for physicians and addresses the shortage of nurses;

- Retention of the strong government commitment to biomedical research;

- Return of HMO development to the private sector thereby improving the competitive aspect of HMOs;

- Introduction of legislation to increase competition in the health care field.

States will receive under the Reagan plan two health block grants, one for health services and one for preventive health services. These represent a consolidation of 25 current federal categorical health services grants. Dr.

THC trials approved at Temple Hospital

Temple University Hospital recently received a federal license to dispense THC, the active ingredient in marijuana. The drug will be used in trying to alleviate nausea often connected with chemotherapy in certain cancer patients.

The drug, delta-9-tetrahydrocannabinol, is an investigational and controlled drug. It can be administered only by physicians registered with the National Cancer Institute under strict guidelines set forth by the Food and Drug Administration. It can be administered only with patient consent.

The testing of THC resulted from reports by patients who suggested that smoking marijuana before receiving anticancer drugs decreased the incidence of vomiting. Previous investigations have indicated that THC is effective especially for patients who were not helped by standard anti-nausea drugs.

Rubin said, "In addition to removing a layer of administrative costs, the consolidation of programs shifts decisions about priorities and methods for achieving results to the states. The block grants approach does not represent a departure from public health commitments, but is the next step in a developing process of meeting the nation's public health needs."

The two block grants give the states more control, but less money. The Reagan proposal is to cut to 75 percent of the current spending level in prevention, or \$242 million for fiscal 1982. Similarly, the health services block grant for fiscal 1982 will be at 75 percent of current spending levels, or \$1.138 billion.

Immunization services were not included in the preventive health services block grant and will continue as a federal categorical program. Dr. Rubin said this is a legitimate federal concern, since disease does not recognize state lines.

Welfare department clarifies code use

The Department of Public Welfare has clarified the use of ICD-9-CM diagnostic codes to complete claim forms in response to R. Hallock Williams, MD, of Norristown, whose letter to DPW was published in the May issue of PENNSYLVANIA MEDICINE.

The letter to Dr. Williams says in part:

"We acknowledge that DSM III is used for psychiatric diagnostic terms, however, the Pennsylvania Medical Assistance Program has decided to require the use of ICD-9-CM codes because federal authorities use these codes. You are not restricted to the use of ICD-9-CM codes which are listed in our handbook. We are in the process of revising these codes and adding additional ICD-9-CM codes to the handbook for psychiatry. If you are affiliated with a hospital, the Medical Records Department should have the current, complete ICD-9-CM volumes and you should have access to them. Meanwhile, you may use the code which is closest to the diagnosis or use the unspecified code listed under the appropriate distinct diagnosis category."

In the area of education for health professionals, the administration has called for elimination of incentives for continued expansion of the training capacity of health professionals. A gradual phaseout of capitation grants to institutions has been proposed, and an end to construction assistance and loan guarantees and interest subsidies is expected. But Dr. Rubin said the administration expects to continue to promote an increase in the supply of primary care physicians and to provide incentives for location in underserved areas.

Pointing to the reported 100,000 nursing positions vacant in acute care hospitals, Dr. Rubin said the adminis-

tration plans an appropriate federal role in providing incentives for nursing education and a continuation of the physician assistant training authority.

Emphasizing the administration's commitment to basic research, Dr. Rubin said the fiscal 1981 NIH budget calls for an increase of \$250 million, or \$3.8 billion. Similarly \$1.9 billion will be provided to fund new and ongoing research project grants in fiscal 1982.

The proposed medicaid cap and its impact on the states, the phaseout of PSROs, and the end to health planning at the federal level by 1983 were not addressed in Dr. Rubin's presentation.

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State MD heads AMA-APA physician suicide study

Physician mortality and physician suicide will be studied in a joint pilot project of the American Medical Association (AMA) and the American Psychiatric Association (APA).

Beginning in June 1981, psychiatrists from the APA district branches will contact family members and colleagues of recently deceased physicians and medical students in Pennsylvania and four other states. Robert E. Jones, MD, chairman of the national APA Committee on the Impaired Physician and professor of psychiatry at Jefferson Medical College, heads the team of Pennsylvania psychiatrists in conducting interviews.

The Physician Suicide Project was created by the AMA House of Delegates at its Interim 1980 Meeting in San Francisco last December. The delegates voted to accept a Board of Trustees report calling for a one-year pilot study of physician deaths—specifically known suicides, but also,

suspected suicides and cases where cause of death is unknown.

To put these case histories into perspective with general physician mortality, interviews with families of deceased physicians and medical students whose cause of death is other than suicide also will be conducted. The project thus responds to another policy action taken at the AMA meeting — that of adopting the Student Business Section resolution calling for a general study of mortality, to be conducted either with or in addition to the study of suicide.

Volunteer psychiatrists will conduct interviews with the family and colleagues of the deceased physician or medical student. When visiting a spouse or other family member, each interviewer will be accompanied by an associate of the deceased. The questions will cover many aspects of the doctor's lifestyle, including health and social factors that may have contributed to death. The AMA's role will be

to provide a data repository where the information gathered by the interviewing psychiatrists will be analyzed.

All information obtained in these interviews will be held in strict confidence. When the information is entered into the data bank, the name of the deceased physician or student will be deleted and then referred to by a coded number. No outside party will have access to any of the information, although blind coded data will be available to researchers.

Establishing a more accurate accounting for the actual incidence of suicide among physicians and medical students is one goal of the AMA/APA study. But a more important objective of the study is to learn who among physicians are most vulnerable to suicide. This project will be an invaluable resource for future programs aimed at preventing suicide in the medical profession.

The AMA Board of Trustees emphasized the need for this study when its report was presented to the House of Delegates last December:

The very existence of the project should create an increased awareness of the special vulnerabilities of physicians in training and in practice, and it should serve to alert those physicians who are at especially severe risk. As the project progresses, it is likely to provide an additional focus for detection and treatment programs for the impaired physician, and supplement efforts in medical education to identify and deal with high risk factors before they become lethal to practitioners of the future.

DPW reports increase in child abuse for 1980

The number of reported incidents of child abuse in Pennsylvania climbed by 6 percent in 1980, according to the Department of Public Welfare. The department's annual report reveals an increase from 12,845 reports of suspected child abuse in 1979 to 13,570 reports in 1980.

Copies of the 1980 child abuse report may be obtained by writing to the Welfare Press and Publications Office, P.O. Box 2675, Harrisburg, PA 17120.

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Philadelphia CMS hosts annual awards dinner

The Philadelphia County Medical Society conferred its highest honors at its annual awards dinner May 13. Three physicians were recognized individually and 44 others were presented with plaques for their 50 years of service to the profession.

William Likoff, MD, received the society's highest honor, the Strittmatter Gold Medal Award. Dr. Likoff is president and chief executive officer of Hahnemann Medical College and Hospital. In making the presentation, Paul J. Poinard, MD, PCMS president, cited Dr. Likoff for "his achievements as an outstanding clinical and investigative cardiologist; his dedicated service to organized medicine; his presidency of the American College of Cardiology and chairmanship of the Research Committee of the American Heart Association; his exemplary educational activities; his editorship of medical publications as well as for his contributions to the quality of community medical care."

The society named Sidney Zubrow, MD, its 1981 Practitioner of the Year. Dr. Zubrow has practiced medicine in South Philadelphia for more than 30 years. He is associate clinical professor of medicine at the University of Pennsylvania School of Medicine and is on the staff at Pennsylvania Hospital.

Psychiatric resident at the University of Pennsylvania Hospital Jesse A. Miller, MD, received the Kenneth Appel Award. The award is given

annually to a Philadelphia area psychiatric resident for the best paper on clinical psychiatry relating to an experience in therapy or research. Dr. Miller's paper is entitled, "Hospital psychiatric beds — attitudes and availability: a case study."

Other awardees included Sedra Schiffman, founder and president of

the National Tay-Sachs and Allied Diseases Association of Delaware Valley, who received the Benjamin Rush Award. The Benjamin Rush Award for an organization was presented to the Support Center for Child Advocates and Donald C. Drake, medical writer for *The Philadelphia Inquirer*, received the President's award.

AMA conducts clinical update in Philadelphia

The AMA Council on Continuing Physician Education has selected Philadelphia as a site for a Clinical Update Meeting on September 18-20, 1981 at the Bellevue Stratford Hotel.

The three days of courses are presented in cooperation with the Pennsylvania Medical Society, Temple University School of Medicine, the American Academy of Dermatology, and the AMA Section on Plastic Reconstructive, and Maxillofacial Surgery. Each course is six hours and costs \$65 for members, \$95 for non-members.

The four courses offered on Friday will be Pulmonary Function and Blood Gases, Cardiac Arrhythmias, Management of GI Disorders, and Therapy for Acute and Chronic Heart Failure.

On Saturday the offerings include Neurology for the Non-Neurologist, Management of Acute Respiratory Failure, Mass Media Seminar-Public Speaking, Male and Female Sexual Dysfunction, and Office Dermatology.

Sunday's classes will be office

Gynecology, Basic Electrocardiography, Antibiotic Update, Practical Rheumatology, and Emergency Wound Management.

For registration forms or further information write: AMA Department of Meeting Services, 535 N. Dearborn St., Chicago, IL 60610, or call: (312) 751-6503.

Internists plan fall meeting

The Eastern Pennsylvania American College of Physicians and the Pennsylvania Society of Internal Medicine will meet the weekend of September 25-27, 1981 at the Pocono Hershey Resort, White Haven, Pa.

The featured speaker on Friday afternoon will be Alvin Tarlov, MD, chairman of the Graduate Medical Education National Advisory Committee (GMENAC). The official AC representative will be Robert Moser, MD, executive vice president of the American College of Physicians.

Panels and presentations in the fields of diabetes mellitus, cardiology, hepatitis and herpes zoster are planned. About 25 papers will be chosen for presentation at simultaneous sessions and an award will be given to the best Associates paper. Abstracts should be submitted on the official American College of Physicians abstract form to Ronald Monsaert, MD, Geisinger Medical Center, Danville, PA 17822 by June 7, 1981.

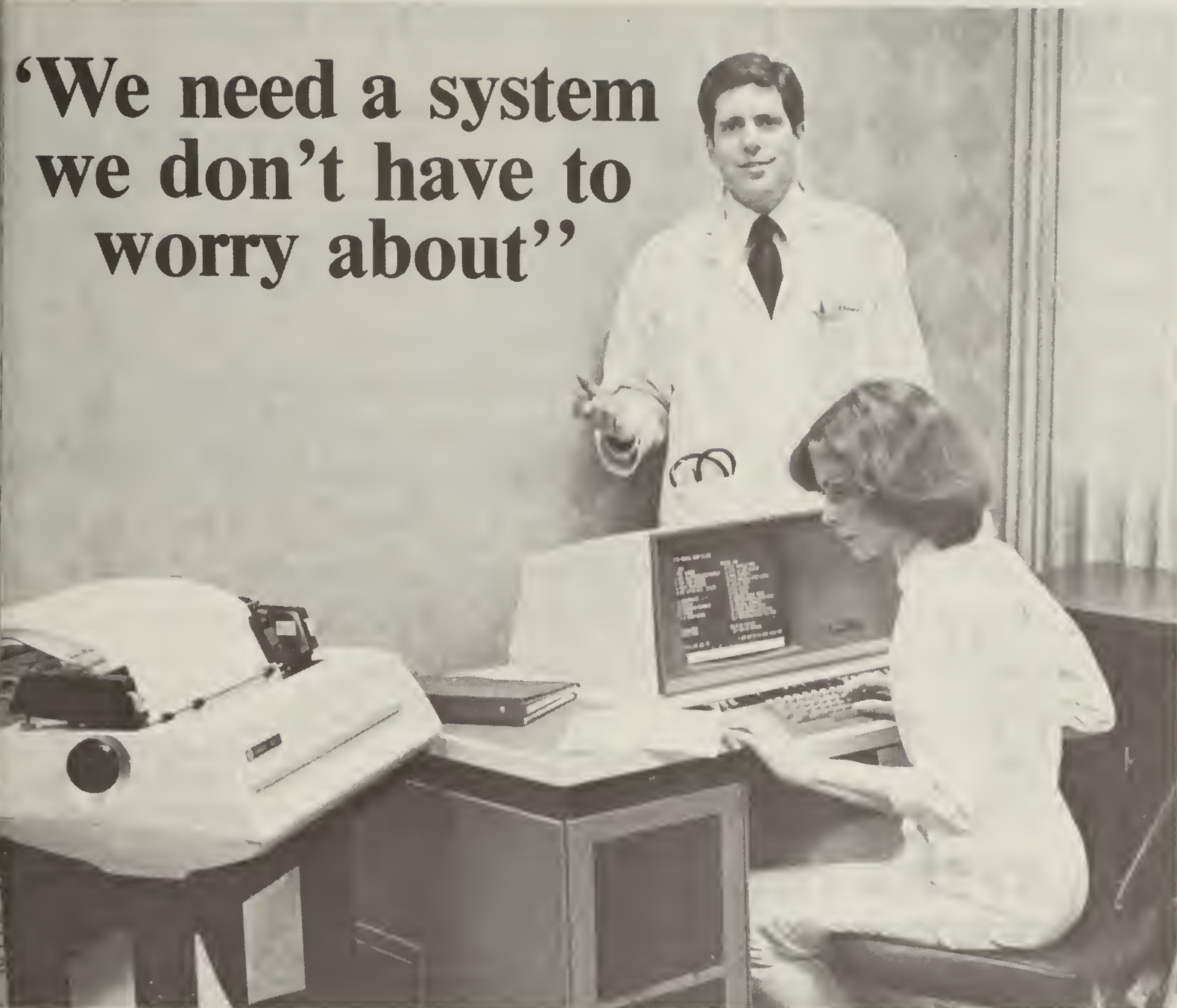
The annual business meeting of the Pennsylvania Society of Internal Medicine will be held the evening of September 25, 1981. Frans Vossenbergh MD, of King of Prussia, will be installed as president as Peter Hillyer MD, of Paoli completes his term in office.

Robert H. Kough, MD, of Danville is general chairman of the program.



The Philadelphia Medical Political Action Committee (PhilMPAC) brought a busload of officers and members of the county medical society to Harrisburg on March 24, 1981. Following a briefing at PMS headquarters on legislative issues, the physicians visited their legislators at the Capitol.

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Investigating medical staff applications

Kenneth B. Jones, Esq.

No recent Pennsylvania appellate court decisions address the question of a hospital's liability for improperly granting medical staff privileges to incompetent practitioners, however, the trend, as evidenced by decisions in other jurisdictions,¹ is to impose liability on the hospital. A recent decision illustrating this trend is the Wisconsin case of *Johnson v. Misericordia Community Hospital*.²

In the *Johnson* case, Dr. Salinsky applied for general staff and orthopedic privileges at Misericordia Hospital. Dr. Salinsky's application for privileges contained misrepresentations as to board certification and privileges in other hospitals and omitted a required statement naming his malpractice insurance carrier.

A simple investigation to verify the statements on the application would have revealed that Dr. Salinsky was not board certified or eligible, that he had been denied privileges in one hospital, that he had only restricted privileges in two others, and that he was not a member of the medical staff of two other hospitals as given on the application. Contact with Dr. Salinsky's malpractice insurer would have revealed that he had seven malpractice suits pending against him in the local courts. Further investigation would have revealed that a significant segment of the local medical community thought Dr. Salinsky incompetent to perform orthopedic surgery.

No investigation was done; Dr. Salinsky's application was approved. Approval, however, was through the hospital administrator's recommendation with Dr. Salinsky's own signature as endorsement. Neither the medical staff, nor the hospital board reviewed or approved the application. Pursuant to his privileges, Dr. Salinsky performed a surgical proce-

dures to remove a pin fragment from plaintiff's hip. The procedure was negligently performed, and the plaintiff suffered permanent paralysis of the right thigh as a result. Dr. Salinsky settled with the plaintiff. The hospital did not.

The issue before the court then was whether the hospital has a duty to its patients to use due care in selecting its medical staff and granting special privileges. The court summarized its answer:

... we hold that a hospital owes a duty to its patients to exercise reasonable care in the selection of its medical staff and in granting specialized privileges. The final appointing authority resides in the hospital's governing body, although it must rely on the medical staff and in particular the credentials committee (or committee of the whole) to investigate and evaluate an applicant's qualifications for the requested privileges. However, this delegation of the responsibility to investigate and evaluate the professional competence of applicants for clinical privileges does not relieve the governing body of its duty to appoint only qualified physicians and surgeons to its medical staff and periodically monitor and review their competency. The credentials committee (or committee of the whole) must investigate the qualifications of applicants. The facts of this case demonstrate that a hospital should, at a minimum, require completion of the application and verify the accuracy of the applicant's statements, especially in regard to his medical education, training, and experience. Additionally, it should: (1) solicit information from the applicant's peers, including those not referenced in his application, who are knowledgeable about his education, training, experience, health, competence, and ethical character; (2) determine if the

applicant is currently licensed to practice in this state and if his license or registration has been or is currently being challenged; and (3) inquire whether the applicant has been involved in any adverse malpractice action and whether he has experienced a loss of medical organization membership or medical privileges or membership at another hospital. The investigating committee must also evaluate the information gained through its inquiries and make a reasonable judgment as to the approval or denial of each application for staff privileges. The hospital will be charged with gaining and evaluating the knowledge that would have been acquired had it exercised ordinary care in investigating its medical staff applicants and the hospital's failure to exercise that degree of care, skill, and judgment that is exercised by the average hospital in approving an applicant's request for privileges is negligence. This is not to say that hospitals are insurers of the competence of their medical staff, for a hospital will not be negligent if it exercises the noted standard of care in selecting its staff.³

The *Johnson* case is not the law in Pennsylvania, nor is the *Johnson* decision binding on the Pennsylvania courts. When considered in conjunction with similar decisions in other jurisdictions, the *Johnson* case may, however, strongly influence the Pennsylvania courts to reach a similar decision when the question is presented. A prudent medical staff would do well to follow *Johnson's* requirements for evaluating medical staff applications

The author is the State Society's staff attorney.

1. See, *Tuscon Medical Center v Misevch*, 113 Ariz. 34 545 P.2d 958 (1976); *Ferguson v Gonyaw*, 64 Mich App. 685, 236 N.W.2d 543 (1976); *Mitchell County Hospital Authority v Joiner*, 229 Ga. 140, 189 S.E.2d 412 (1972).
2. *Johnson v Misericordia Community Hospital*, 301 N.W.2d 156 (Wis. 1981).
3. *Johnson* (supra) at 174-175.

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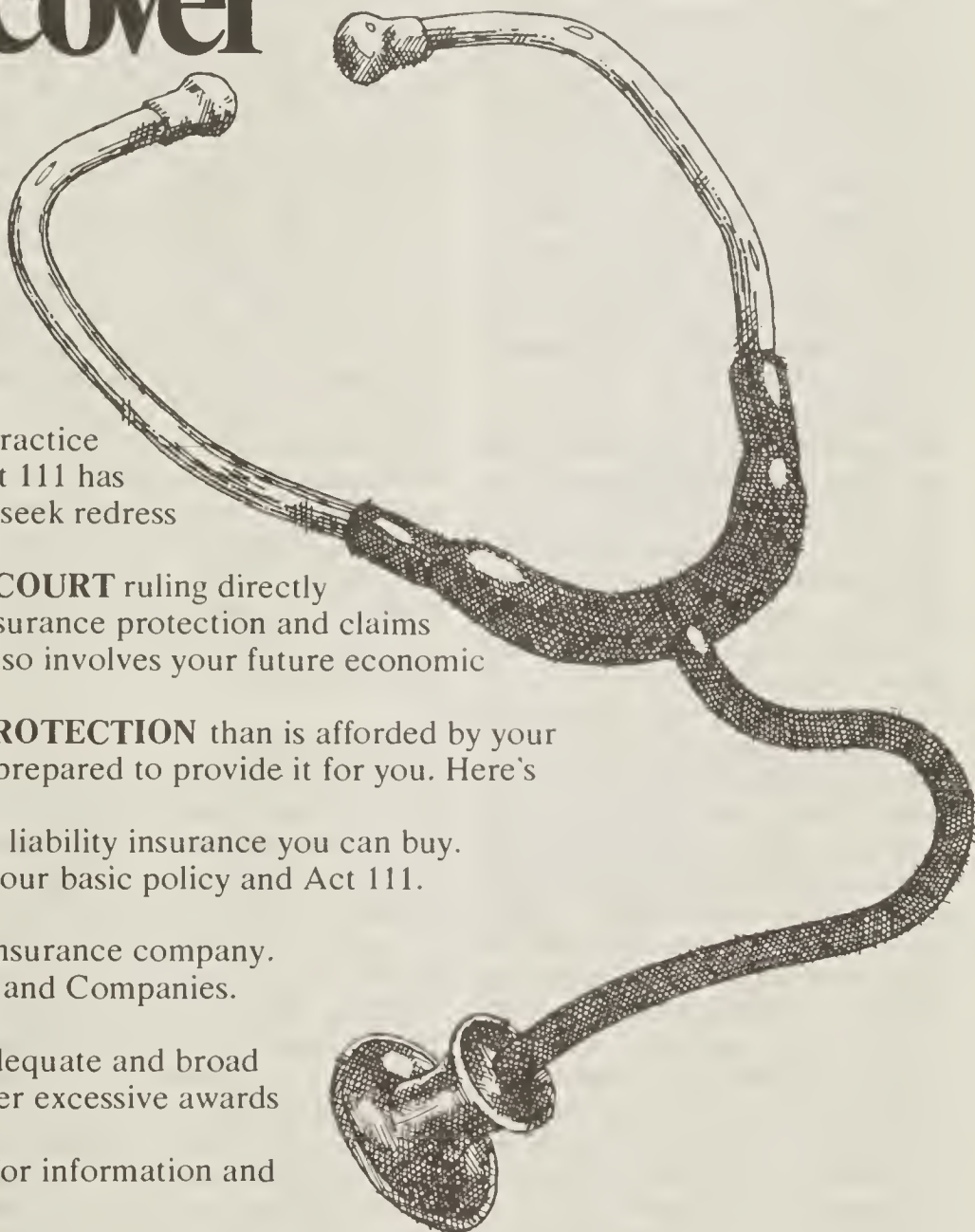
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practice management

Choosing a retirement plan late in your career

Geoffrey T. Anders, JD, CPA

Leif C. Beck, LL.B., CPBC

Vasilios J. Kalogredis, JD, CPBC

Choosing a retirement plan late in a physician's professional life presents special considerations which are not otherwise present. The choice demands a careful evaluation of the doctor's and the practice's circumstances. The ill effects of an incorrect choice are hardly correctable if only a short time remains before a planned retirement. Thus more than usual, careful consideration should be given to choosing the type and terms of a retirement plan.

First, the physician must take a hard look at his own plans for retirement. The more definite those desires, the easier it will be to select the best retirement plan. Simply having clarified whether retirement will take place on a fixed date or whether no fixed time can be set may greatly affect a choice of plans.

The number of years remaining until a doctor plans to retire as well as other issues may be crucial. A doctor incorporating or establishing a Keogh Plan at age 58, for example, certainly will benefit from the ability to postpone taxation on amounts contributed to a qualified plan; however, he certainly will not have the maximum advantage from having the dollars contributed compound tax free over a long number of years. To the extent that this second major benefit of qualified retirement plans is not available, the worthwhile choices for retirement planning may be narrowed.

In group practice settings, accommodating a senior physician's possible desire for large retirement contributions may not be possible simply because of the conflicting desires of younger members of the group.

For doctors close to retirement as well as for other physicians, saving taxes is not everything. A good balance must be struck between current income needs and desires and what the

chosen retirement plans may require in the way of contributions. Even for a doctor beginning very late to fund for retirement, it will not make sense to adopt a plan permitting large contributions if current, daily living expenses cannot be met.

This consideration points to maintaining flexibility as one of the primary objectives in adopting retirement plans. Where the practice income is large or where a doctor's outside sources of income are satisfactory, it may be acceptable to reduce practice take home pay while locking in large retirement plan contributions. If that is not the case, however, it will usually be well to permit as much flexibility as possible. Even over a few years, it can be difficult to predict with accuracy a physician's ability to salt dollars away for retirement.

Choosing a plan

Not infrequently, a Keogh or H.R. 10 Plan will be the best retirement plan choice for solo physicians close to retirement. A Keogh Plan permits annual contributions of up to 15 percent of income but not more than \$7,500 per year. With only a few years to go, the advantages of corporate retirement plans may be eliminated due to the variety of costs attendant upon incorporation. Unless a doctor is prepared to contribute an absolute minimum of \$12,000 annually to a corporate retirement plan, the attorney fees, additional accounting fees, corporate retirement plan administration fees, and social security and other taxes almost certainly will wipe out the advantage gained by incorporation. Thus the simpler Keogh Plan approach may be more practical.

The authors are the principal consultants of Management Consulting for Professionals, Inc., Bala Cynwyd, Pa.

Should a Keogh Plan seem appropriate in general, the doctor should consider whether a "defined benefit" Keogh Plan fits his circumstances. It is useful for doctors who plan a gradual slowing of activity over a period of years.

The defined benefit Keogh differs from the regular Keogh Plan in that it requires large contributions (often in excess of \$7,500 per year) during the first several years. As time goes on, the amount of the required contributions declines. Overall the average contribution over the years that the plan is maintained should end up to be about \$7,500. Thus there is no advantage from the standpoint of total dollars contributed. Still the ability to contribute more dollars in the early years of the plan is slightly advantageous since those contributions earn income on a tax deferred basis for a longer period. If the projected schedule of contributions declines in tandem with the planned slowdown in medical practice activity, the defined benefit Keogh Plan approach may be worthwhile.

If the physician's ability to reduce current income is substantial, incorporation usually will be the preferable alternative. Incorporation can accommodate a wider variety of plan choices.

For high income-earning physicians or those doctors without a need for high current salaries, a defined benefit pension plan may be worthwhile. The defined benefit plan approach, either alone or in combination with a money purchase pension plan, can permit substantial monies to be salted away each year.

For example, a doctor-client adopted a defined benefit retirement plan in his newly established corporation. That choice resulted in a planned annual salary of \$30,000 and a retire-

ent plan contribution of more than \$30,000. The first consideration was that the doctor could maintain his standard of living on only \$30,000 a year from the medical practice. Additionally the overall financial position of the physician was such that requiring large annual retirement contributions was not a problem. In this example, the doctor was a solo practitioner; there was no likelihood that he would ever take a partner. Defined benefit plans in group practices can be the source of conflict among group members. Such a plan may meet the senior doctor's desire to contribute substantial amounts to the plan, but it also locks in younger members at smaller contribution levels. That may be acceptable to a younger doctor in the first years of practice when demands for spendable cash are high; however, the opportunity to defer larger amounts of income retirement plans will not be present if the need for take home pay declines. Defined benefit plans present other implications as well. They are not readily understood by the doctors involved and a sense of restlessness may develop.

Another difficulty is that the defined benefit plan may not provide a doctor with his expected retirement funds if he dies or leaves practice before the stated "normal retirement date." Certain actuarial deductions are required in that case and they may reduce the doctors' pay-out far below the sum which has been contributed each year because of him.

There are other concerns. Actuarial costs may be significant, reducing the perceived advantage of contributing more dollars to the plan. In group practice a defined benefit plan may lack in that approach even after the senior doctor has retired.

One last complication of the defined

benefit plan approach is that contributions for a doctor must cease upon that doctor's reaching the plan's stated retirement plan age.

Still the defined benefit plan will offer the opportunity to put a lot of dollars away for retirement. That opportunity can be augmented by adopting a second retirement plan. The second plan is typically a money purchase pension plan calling for an annual contribution of 10 percent of the doctor's salary. Here as in a defined benefit pension plan, the plan contribution is a corporate obligation. It may not go unfunded without resulting in the termination of the plan. This two plan set up, a 1.4 rule approach, lacks year to year contribution flexibility, but may make up for that by the dollars which may be sheltered from current taxation and salted away for retirement.

Another plan choice is a money purchase pension plan. This calls for annual contributions defined as some percentage of salary; that percentage may be set up to 25 percent of salary. The total dollars contributed for any participant's account may not exceed a set dollar amount (currently \$41,500) which is determined by the IRS each year. This format does not permit contributions of large amounts. For the senior physician, a money purchase pension plan may provide that contributions to the plan may be made even after the normal retirement date has been attained and passed. The doctor has more flexibility from an overall planning standpoint.

A money purchase pension plan also does not involve complicated actuarial assistance as does the defined benefit plan. Under the money purchase approach, contributions for the individual participant and the amounts held in the plan for any one's benefit are easy to determine.

In group practice, the money purchase pension plan usually eliminates dissatisfaction among members. The contribution for each individual is determined under the same formula so that each doctor has the same percentage of salary contributed for him.

The money purchase pension plan does require annual contributions based upon a formula that is determined when the plan is first adopted. It cannot be changed readily from year to year, and the practice is locked into contributing a certain number of dollars each year. A poor year financially or unforeseen needs for take home pay may be difficult to accommodate because of the required contributions.

A third type of plan, called a "discretionary profit sharing" plan provides the maximum flexibility of all the choices. With this approach, the board of directors of the professional corporation determines each year what, if any, contribution will be made. The choice may range from contributing nothing at all to a usual maximum of 15 percent of the participants' salaries. Thus the practice is not locked into any contribution and variation in practice finances and individual financial needs may be met readily.

Furthermore contributions of less than 15 percent in any year may (within limits) be made up in later years. Like the money purchase pension plan, the discretionary profit sharing plan also will permit contributions to be made for a doctor even if he should continue to work after the plan's specified normal retirement age. In other respects, the profit sharing plan resembles the money purchase pension plan thus avoiding possible group member conflict, high annual costs of actuarial services, and the other possible defects of defined benefit plans.

Continued

One common approach is to combine a money purchase pension plan with a formula requiring contributions of roughly 10 percent of salaries with a discretionary profit sharing plan. This combination of plans permits flexibility by only requiring contributions at the 10 percent of salary level while giving the practice the opportunity to contribute as much as 25 percent of salaries if the profit sharing plan is funded at the maximum level. Like the money purchase pension plan alone, the two plans are limited to a maximum contribution in any year to the lesser of 25 percent of salaries or the IRS stated dollar maximum.

The primary disadvantage of this choice is the cost in terms of contributions for the practice's lay staff which usually will exceed that cost in a defined benefit plan. Where the doctor(s) involved are years away from retirement, the additional contributions to the staff may be acceptable since a large portion of those monies may revert to the doctors anyway if an employee leaves before becoming fully-vested. For senior physicians close to retirement, the likelihood of employee forfeitures is less certain.

Regardless of the additional staff costs involved, unless a doctor is in a position to contribute more than 25 percent of salary to the retirement plans, we rarely urge the defined benefit plan approach. The additional contributions for lay employees instead should be taken into account as part of the total pay package along with salary and other fringe benefits. Particularly in the case of an older, solo physician, the staff's opportunity to receive their retirement funds in hand would occur much sooner than usual and thus should represent a more "real" benefit to them.

Plan investments

A conservative approach to retirement plan investments becomes more compelling with doctors nearing retirement. Investing in securities having minimal "down-side risk" and high current yield is the strategy of choice.

Eliminating the chance of loss to the invested funds is essential. With only a short number of years to go, the senior physician simply will not have the chance to "make up" investment

losses. Investing in securities whose market value fluctuates presents another risk—the doctor may retire in the "wrong" year. If the stock or bond markets are depressed, the dollars available for retirement may be affected.

The retirement plan structure tax-wise lends itself to investments providing high annual income. Since the interest earned by a retirement fund will not be currently taxed, all of it is capable of annual reinvestment. The retirement funds thus grow by feeding on themselves producing a geometric growth. Even over a few years the additional retirement funds accumulated in this way can be significant.

Life insurance is not an appropriate retirement plan investment vehicle. The rates of return on insurance premiums cannot compare with other steady, interest-producing securities. Furthermore, life insurance partially destroys the tax free nature of the retirement plan. The term portion (known as the PS58 cost) must be reported on the insured's tax return as a current benefit from his participation in the plan.

These objections to life insurance as a retirement plan investment vehicle are secondary. The first question is whether life insurance is needed. Except in rare circumstances the need for life insurance decreases as the doctor grows older. If the doctor's children are grown, his wife's income in the event of his death secure, and his estate reasonably liquid, there may be no need for life insurance. When the need does exist, it is certainly questionable whether the retirement plan is the place to purchase insurance.

"Alternative" retirement plan

After a doctor has incorporated, some advisors will urge using the corporation as a "secondary" retirement plan. Profits may be left in the corporation to be taxed at lower corporate income tax rates rather than withdrawn as salary and taxed at the usual 50 percent personal rates. Those retained corporate profits are then invested into dividend paying stocks. The doctor's corporation pays no tax on 85 percent of dividends received. Later when the doctor is ready to retire, the stocks are liquidated and the funds used to repurchase the doctor's shares in his professional corporation. This

payout is then taxed at much lower capital gains tax rates.

The first objection to this plan is in economics. Assuming that \$10,000 to be left in the corporation, the total tax incurred at both the corporate and later at the personal level will usually be around 47 percent. If instead the dollars were paid immediately to the doctor, the tax rate would have been 50 percent but only on the amount paid as salary. The actual salary payment presumably would be less than the original \$10,000 since the additional salary payment would itself require an additional retirement plan contribution on it. Only rarely does this plan work to significant advantage.

A further detriment is that the dollars are left, at least temporarily, in the corporation. Thus the doctor does not have access to them for his personal financial needs.

We believe that only a solo practitioner should adopt this format. Building up value in the corporation where other doctors may expect to buy into the corporation's value can present difficulties. The prospective doctor-partners should object to paying after tax dollars for corporate stock where the price has been increased significantly simply because the senior doctor has continued to retain corporate profits. The new doctor partner is rarely in a position to pay for the added value and as a personal financial matter he may not like the particular investments made by the senior physician. Thus in group practice we feel that the policy of retaining corporate dollars for investment purposes places an artificial barrier on a new doctor's moving to equal shareholdership.

Summary

Planning for retirement is a complicated subject, heavily dependent upon the individual physician's circumstances and often presenting a confusing choice of alternatives. When the retirement planning involves a physician not long from practice retirement, the planning becomes more difficult and certainly more crucial to the doctor's long range plans. Carefully examining all the circumstances and choices may assure that the best choice is reached.

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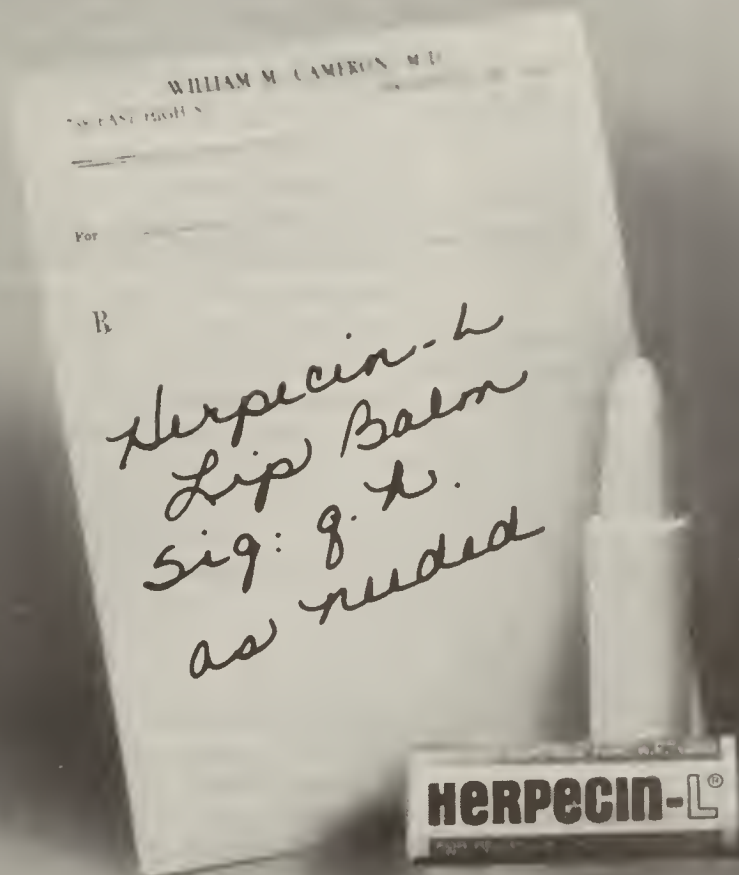
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physicians in the news

Frederick L. Jones, Jr., MD, recently was elected president of the Pennsylvania Thoracic Society, medical section of the American Lung Association of Pennsylvania. Dr. Jones is chairman of the medicine department at Geisinger Medical Center. **G. William Atkinson, MD**, is president elect of the society. Dr. Atkinson is associate professor of medicine and director of the pulmonary disease division at Jefferson Medical College.

William Likoff, MD, recently accepted the chairmanship of the Physicians Division of the Fellowship Commission, the nation's oldest and largest private metropolitan human rights agency. Dr. Likoff is president and chief executive of Hahnemann Medical College and Hospital, Philadelphia.

The United States Pharmacopeial Convention, Inc., has selected **Paul C. Brucker, MD**, to serve on its panel of family practitioners in its drug-use information development programs. Dr. Brucker is alumni professor and chairman of the family medicine department at Jefferson Medical College.

The Punxsutawney Area Health Center, the local primary care office of **William Ferrucci, MD**, and **Bruce Kelly, MD**, recently was nominated by the Department of Health and Human Services Region III staff as an outstanding rural health project of 1981.

Danville American Legion Post 40 selected **Thomas Royer, MD**, as this year's "Citizen of the Year." Dr. Royer is senior vice president and medical director at Geisinger Medical Center.

Richard P. Layman, MD, recently received a plaque honoring his 15 years of service on the board of directors of the Franklin-Fulton County Mental Health/Mental Retardation Center. Dr. Layman is a Chambersburg pediatrician.



Steven B. Siepser, MD, of Paoli, recently returned from a 30-day stay in Pago Pago, American Samoa where he was a visiting ophthalmologist at the L.B.J. Medical Center.

Dr. Siepser performed two corneal transplants and an intraocular implant, some of the most sophisticated eye operations in the history of the territory.

Dr. Siepser was contacted to work in Pago Pago through the International Eye Institute, a volunteer organization to which he belongs.

Louis J. Wagner, MD, recently was re-elected chairman of the Midwestern Area V Professional Standards Review Organization. Dr. Wagner is a surgeon in Franklin, Venango County.

Eugene J. Van Scott, MD, recently received the Lila Gruber Cancer Memorial Research Award presented by the American Academy of Dermatology. Dr. Van Scott is professor of dermatology at Temple University School of Medicine and associate medical director of its Skin and Cancer Hospital.

Governor Thornburgh recently nominated **Robert C. Eyerly, MD**, to the Pennsylvania Cancer Control, Prevention and Research Advisory Board. Dr. Eyerly is clinical associate professor of surgery at The Milton S. Hershey Medical Center and former chairman of the Pennsylvania Cancer Coordinating Committee.

Bethlehem gynecologist **Frank E. Schramm, MD**, recently was honored with a citation from State Senator Henry C. Messinger, D-16th District for his work and research in female sterilization. Dr. Schramm was cited for his work on tubule occlusion, a new technique being tested at St. Luke's Hospital.

Coaldale Lions Club recently named **Joseph J. Dougherty, MD**, its first "Citizen of the Year." Dr. Dougherty has practiced family medicine in Coaldale for more than 35 years.

J. Donald Wentzler, MD, recently completed a short-term mission to Honduras. Dr. Wentzler is an anesthesiologist at Evangelical Community Hospital, Lewisburg.

The American Lung Association of South Central Pennsylvania, in conjunction with hospitals in Adams, Cumberland, and York counties, recently initiated a lecture series in honor of **Louis J. Hampton, MD**. Dr. Hampton is a Hanover physician and medical coordinator of the VNA Respiratory Home Care Program.

Gannon University recently honored **Richard C. Lyons, MD**, as a Distinguished Pennsylvanian as part of its celebration of the tricentennial of the Commonwealth. Dr. Lyons is a urologist in Erie.

Francis R. Perri, MD, recently received a citation of merit from the Beaver County commissioners for his 25 years of volunteer service to Kane Hospital. Dr. Perri is a general surgeon on the staffs of St. Clair Memorial and Mercy hospitals.

Sheldon Baum, MD, authored a recently published book, *Atlas of Nuclear Medicine Imaging*. Dr. Baum is associate professor of radiology and director of nuclear medicine at The Milton S. Hershey Medical Center of The Pennsylvania State University College of Medicine.



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A safe ride for Pennsylvania's children

Mark D. Widome, MD, MPH

With the decline of infectious epidemics, highway morbidity has surfaced as an important public health problem. In recent years, papers devoted to automobile crash protection have appeared with increasing frequency in the medical literature.¹⁻³ This paper briefly will review certain aspects of crash protection as it applies to the pediatric population with emphasis on preventive intervention by physicians. Recent state legislation including the proposed Pennsylvania Child Passenger Protection Act will be discussed.

Automobile crashes are the leading cause of death and serious morbidity in children⁴ (Table I). Each year, about 1,000 children in the 0-5 age group die automobile-related deaths. The majority of these deaths occur to vehicle occupants rather than pedestrians. There are perhaps 70,000 automobile-related injuries a year in this age group — again with vehicle occupants representing the majority. It is only during the first year of life that diseases, primarily those related to com-

plications of pregnancy, childbirth, and congenital anomalies, take more lives than accidents. Thereafter, through the childhood years and into early adulthood, the motor vehicle is consistently the leading cause of death. It is only in recent decades, however, that rapid decline in infectious disease deaths has brought the "highway epidemic" into view to the health professional and the public.

The disproportionate decline in infectious disease deaths may be illustrated by looking at vital statistics for the year 1930 (Table II). In that year, there were as many deaths from non-influenzal acute respiratory infections as automobile crashes. There

were twice as many diphtheria deaths and six times as many deaths from gastroenteritis. The death toll from measles, tuberculosis, and whooping cough were each greater than that from the automobile.

Through immunization, public health efforts and less well defined social and environmental changes, the picture has reversed dramatically. Total deaths in this country each year from diphtheria, pertussis, tetanus, polio, measles, rubella, and mumps combined hover around 100 — about one-tenth of what they were as recently as 20 years ago.

In contrast, motor vehicle death rates to pre-schoolers for the years 1960 and 1977 are essentially identical (10 per 100,000 population per year). By and large, preventable childhood diseases are being prevented while preventable childhood injuries are not. Even over the past 50 years despite vast improvements in automobile and highway design the mortality rate has decreased only by about 30 percent.

Dr. Widome is assistant professor of pediatrics at The Milton S. Hershey Medical Center of The Pennsylvania State University. He also is co-chairman of the Accident and Poison Prevention Committee, Pennsylvania Chapter, American Academy of Pediatrics, and co-chairman of the Governor's Task Force on Highway Safety for Children.

TABLE I

Leading Causes of Death
Ages 1 - 14 Years
United States
1973

Cause	Number of Deaths	Death Rate*
All Causes	26,825	51.0
Motor vehicles	5,796	11.0
Cancer	2,961	5.6
Drowning	2,440	4.6
Congenital anomalies	2,148	4.1
Pneumonia	1,277	2.4
Fire, burns	1,218	2.3
Homicides	796	1.5
Heart disease	680	1.3
Firearm accidents	533	1.0
Stroke	375	0.7

* Deaths per 100,000 population
Source: National Center for Health Statistics

TABLE II

Mortality Rates for Selected Conditions
Children 1-4 Years of Age
United States: 1930 and 1970
(Deaths per 100,000 Population per Year)

Cause	1930	Year	1970
Motor vehicle accidents	14.5		11.5
Influenza and pneumonia	123.1		7.6
Acute respiratory infections (except influenza)	15.2		1.7
Enteritis and diarrheal disease	95.6		1.4
Measles	21.9		*
Pertussis	23.4		*
Diphtheria	33.5		*
Streptococcal sore throat and scarlet fever	9.9		*

*Note: Death rates for measles, pertussis, diphtheria and streptococcal disease were negligible in 1970. Combined reported deaths for these four conditions in all age groups was 158. Total motor vehicle deaths in that same year were 54,633. In 1978, measles, pertussis, diphtheria and streptococcal disease accounted for 26 reported U.S. deaths. Adapted from **Vaughan, V.C., McKay, R.J., Behrman, R.E.: Nelson Textbook of Pediatrics**, 11th ed., Philadelphia, WB Saunders Co. 1979 and **Annual Summary of Reported Morbidity and Mortality in the United States**, U.S. Department of Health and Human Services, 1979.

Figure 1. The second crash.

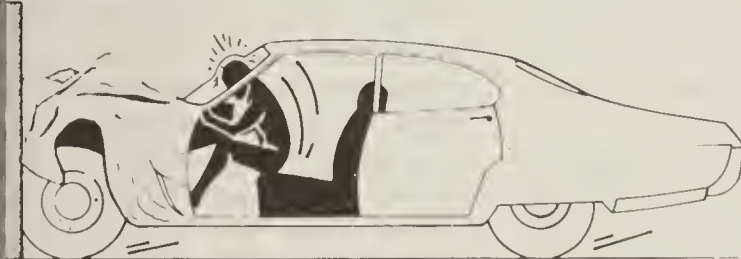
from *The Human Collision*, Ministry of Transportation and Communications, Ottawa, 1976.



0.000 second - car hits barrier. On impact car begins to crush and to slow down. The person inside the car has nothing to slow him down, so he continues to move forward inside the car at 30 mph.



0.100 second - car stops. Within 1/10 of second, the car has come to a complete stop. The person is still moving forward at 30 mph.



0.120 second - person hits car interior. In 1/50 of a second after the car has stopped, the person slams into the dashboard and windshield. This is the human collision. In the car's collision it takes 1/10 second to stop; in the human collision it takes only 1/100 of a second.

Automobile crashes

It is useful to distinguish between automobile crashes and automobile trauma. The factors leading to an automobile crash are multiple and complex. Waller has conceptualized this as an interaction of driver performance and roadway characteristics.⁵ When there is a decrease in driver performance and an increase in the demands of the driving task occur simultaneously and to a sufficient degree, a crash will occur. Among the factors that affect driver performance are fatigue, mental stress, alcohol and drug use, and the driver's natural or acquired skills and reflexes. The driving task is more or less demanding depending upon other vehicles on the road, the roadway itself, time-of-day, and weather conditions. Although high risk drivers and

high risk environments may be identified readily, interventions are difficult and often of limited effectiveness.

In contrast, given the occurrence of a crash, the factors leading to trauma are relatively straightforward (Figure 1). When a vehicle hits a barrier or another vehicle, there is a sudden deceleration. Unrestrained vehicle occupants continue to move in a forward direction at the original vehicle speed for the fraction of a second that it takes them to reach the dashboard or windshield.

The vehicle's occupants then are involved in a "second crash" — the injury-producing crash. Survival of this crash depends on principles outlined by DeHaven nearly 40 years ago.⁶ His studies showed that in addition

Figure 2. Seatbelt protection.



On impact, the car begins to crush and to slow down.



As the car slows down, the person moves forward until the seatbelts restrain him. The belts keep his head and chest from striking the car interior.



As part of the car, belted passengers are able to "ride down" the collision — to take advantage of the car's slower stop as it crushes and absorbs energy. For belted passengers, there is no human collision.

tion to the parts of the body injured, outcome depends on the total forces (speed) and the presence of a reasonable decelerative time interval. The decelerative time interval may be affected favorably by a collapsible steering column, padded dashboard or, preferably, seatbelts or airbags (Figure 2).

Death to child passengers is most frequently the result of the child being propelled forward to suffer fatal injury against the windshield or dashboard. The chances for a poor outcome are multiplied when the child sits on the lap of an adult for he then will be crushed between the adult and the dashboard⁷ (Figure 3). At highway speeds, some children are thrown clear of the vehicle to sustain fatal injury on the highway itself.



3a



3b



3c



3d

Figure 3. The on-lap crash. The on-lap crash is illustrated in this test conducted by the Insurance Institute for Highway Safety. A 1979 four-door Chevrolet Malibu is driven into a solid barrier at 24 mph.

3a: The pre-crash position of the unbelted mother holding her baby on her lap.

3b: One tenth of a second after impact mother and child are about to hit the dash and windshield.

3c: The mother's body crushes the infant only 3/20 second after impact.

3d: One half second into the crash, the damage is done.

Countermeasures

Haddon⁸ has proposed a theoretical framework in which one can consider possible injury-reducing and lifesaving countermeasures. Countermeasures may be conveniently divided into three groups according to where they intervene in the crash sequence:

1. *Pre-crash phase.* All strategies which would prevent the marshalling of the injury-producing energy or prevent the crash event from occurring fall into this category. Reducing the maximum speed limit to 55 miles per hour was shown at least initially to cause a reduction in highway fatalities. Divided roadways and medial barriers have made the interstate system remarkably safe when fatalities are computed on a passenger-mile basis. Unfortunately, the pre-crash strategy of reducing excessive alcohol consumption among drivers through stricter laws and public education has not brought about the anticipated reduction in highway deaths. A full one-half of highway deaths are associated with indiscretion in the use of alcohol.

2. *Crash phase.* Given that the crash event occurs, strategies that re-

duce the resultant impact injury fall into this category. Vehicle design such as shatter-proof windshields and energy absorbing steering columns are examples of engineering principles effectively applied to reducing injuries during the crash phase. These vehicle improvements are referred to as "passive" or "automatic" because the benefits are available to all vehicle occupants without any specific action required on their part. Airbags or air cushions which inflate automatically at the time of the crash to cushion the front seat occupants are also a form of automatic or passive protection. It has been estimated that were they to be incorporated into cars on U.S. highways, 9,000 deaths per year could be prevented. Unfortunately, airbag introduction has been delayed repeatedly due to legislative maneuvering in the U. S. Congress.

Seatbelts and child safety seat restraint systems represent an "active" crash phase countermeasure. They require a specific action on the part of the occupant (fastening the seat belt) each time the vehicle is used. They provide excellent protection when they are used.

3. *Post-crash phase.* Strategies reduce the extent of injury and physical impairment after the crash event fit into this category. On-site first aid, emergency medical services, regional trauma centers, and early physical and emotional rehabilitation are a part of the post-crash strategy.

Child safety restraints

Of the currently available *crash phase* strategies, child safety seat use has the greatest potential to reduce serious highway morbidity to young children. These safety restraints are, in effect, devices by which automobile seatbelts are adapted to provide good crash protection to small people. Like seatbelts, they prevent the "second crash"—the crash of the vehicle occupants into the windshield, dashboard or other interior vehicle structure. Seatbelts distribute the trauma-producing energy over time and over body surface area so that it is tolerable. For older children and adults, seatbelts are the "first choice" for protection in the automobile.

Children under 4 years are also protected by seatbelts to some degree. They should be used if nothing better is available. Young children are better protected, however, by the specially designed child safety restraints.

Those designed for infants in the first nine months of life are rear-facing so that in a crash the forces are distributed over the baby's back and along the long axis of his body (Figure 4). Because of the relatively large mass of an infant's head and relative underdevelopment of the neck musculature, forward-facing seats would subject the young infant to excessive risk of neck injury. To be effective, the

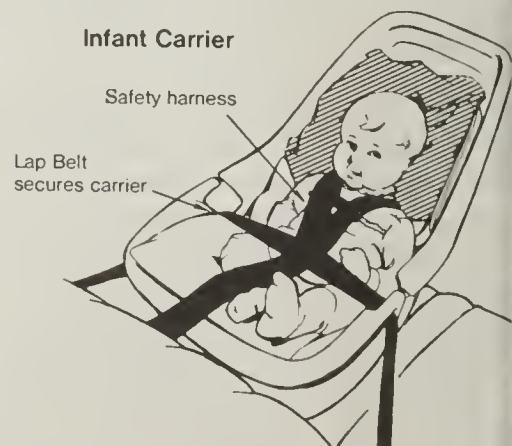


Figure 4. Infant safety restraint.

Child Safety Seat



Figure 5. Child safety restraint.

Protective Shield

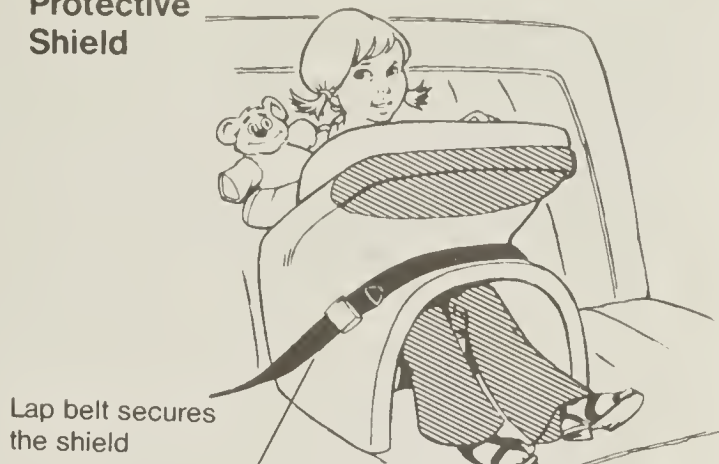


Figure 6. Safety shield.

Child must be harnessed into the seat and the seat must be secured to the automobile with a standard lap belt. Such rear-facing seats are widely available at prices as low as \$20. It could be noted that infant chairs (feeding chairs) intended for use in the home are not acceptable for use on the highway. The same is true for older "bar seats" that hook over the automobile seatback rather than use the lap belt for anchorage. Such seats will not withstand crash forces or provide protection from injury.

Older infants and toddlers are best protected in forward-facing car seats (Figure 5). They employ a harness system with a strap across each shoulder. Protection depends on the seat being anchored properly to the automobile with the lap belt. Some of these seats with a high center of gravity also require a top anchor or "tether." When the seat is used in the front of the automobile the tether is fastened to a rear seatbelt. When the seat is used in the rear of the car, a special tether attachment must be installed on the rear ledge of the passenger compartment.

An alternative restraint system for the toddler is the "safety shield" (Figure 6). Again, the seatbelts must anchor it to the seat. Some newer restraint systems incorporate elements of both the shield and standard car seat. With all systems, proper use must be stressed. Crashworthy seats provide no protection if the child is not attached to the seat or the seat is not anchored to the vehicle according to the manufacturer's instructions.

When children outgrow their car seat or safety shield, they should use the lap belt of the automobile, sitting

on a firm cushion if necessary so that the belt will ride across the hips rather than the abdomen. Recently, specially designed "booster seats" which use the automobile's seat belts, have become available on the market and provide good crash protection to the child up through the eighth year (Figure 7). When a child is tall enough to sit with the shoulder strap across his shoulder rather than across his neck and face, this equipment should be used.

Physician intervention

There are opportunities for physician intervention in all three of the previously outlined crash phases. In regard to the *pre-crash phase*, physicians, through professional organizations such as the American Academy of Pediatrics, have voiced support for the 55 miles per hour speed limit. On a local level, physicians can support road and highway improvements where unsafe conditions are discovered. An injured child from one's own practice can serve as a vivid example of the need for specific roadway improvements. Such organizations as Physicians for Automotive Safety have an interest in lending support to local efforts by health professionals.

Likewise, physicians have opportunities to bring about reduction of injury in the *post-crash phase*. Optimal patient outcome depends upon excellence in all phases of trauma management, starting on the highway with the trained emergency medicine technician and continuing to the hospital pediatric unit and rehabilitation at home. Physicians caring for children should demand that the system in their community be equipped to deal with the special needs of the pe-

diatric trauma victim.

Crash-phase strategies provide the busy practitioner the greatest opportunity to benefit his young patients. Encouraging the use of seatbelts and child safety seats as a prudent health behavior has the potential to vastly reduce the highway injury and death toll. Currently available child safety seats, when properly used by patients, can reduce fatalities by about 90 percent. This estimate is based on data compiled by Dr. Robert Scherz from over 39,000 crashes involving children in Washington state over a 10-year period.⁹

Techniques for educating parents in the use of care safety seats have not been studied extensively. Reisinger has demonstrated recently that in-hospital post-partum education with follow-up reinforcement in the pediatrician's office can increase substantially car seat usage.² Using an experimental and control group of new mothers, the in-hospital counseling by

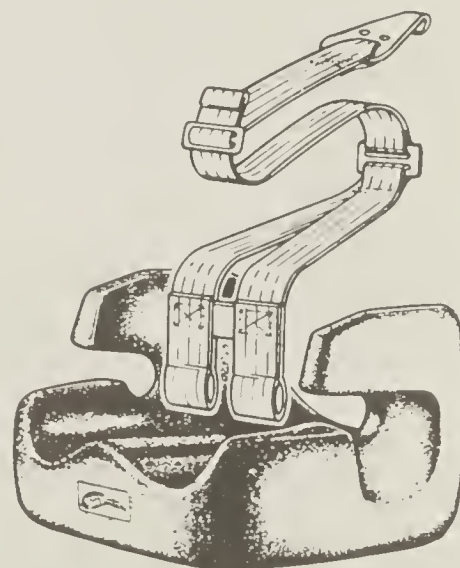


Figure 7. The booster seat.

the pediatricians led to 23 percent greater car seat usage at the first office visit. With reinforcement by the pediatrician at that visit usage rates were 72 percent greater than the control group at the two month visit.

Each practitioner must choose educational techniques that are in keeping with the style and pace of his practice and the nature of his patient population.¹⁰ Although no single technique or approach applies to all clinical settings, there are several principles that should be kept in mind.

1. There is greater likelihood of success if patients begin using car seats early. Parents are more likely to buckle-up their two-year-old if they have been doing so since birth than if they are asked to start at this behaviorally difficult age. This principle is so important that it is recommended that in-hospital programs to encourage new parents to take their new babies home in carseats should receive the highest priority among educational programs. The infant learns that this is the *only* way to ride in a car and the parents learn that this is the only medically acceptable way to transport a child.

2. The effectiveness of hospital- or office-based educational programs depends on personal involvement of the physician. Reinforcement with printed pamphlets and support of other office staff is important, but parents must understand that the carseat recommendation is important enough to the physician that he takes the time to discuss it personally rather than delegate the task. This need not, however, be a time-consuming or lengthy task.

3. Periodic reinforcement is necessary. Once parents are using a car safety seat for their child, the physician must inquire periodically and provide praise for continued use.

4. The physician must be convinced personally of the value of carseats and seatbelts. Successful patient education is improbable if the physician himself is not convinced that what he is saying is important. This must be demonstrated tangibly by *consistent use of seat belts by physicians and their families*.

5. Remember that parents may have different motivations for performing a particular health behavior.

Some parents who will not give fluoride supplements consistently, will do so when the supplements are part of a vitamin-fluoride preparation. Likewise, parents may be willing to use carseats for their children when they learn that children are consistently better behaved when they are comfortably in carseats.¹¹ An additional benefit of carseat use is that their use seems to reduce the incidence of motion sickness. These points should be stressed with parents who are reluctant to comply in the name of safety.

Child safety legislation

In May 1979, Governor Thornburgh appointed a Task Force on Highway Safety for Children. The purpose of this task force was to bring together interested and knowledgeable people from within and outside of state government to study and make recommendations regarding the reduction of highway injuries to children. A final report was issued in August 1980.

The Task Force found that annually 9,000 children below the age of 5 are involved in crashes in the Commonwealth. Based on crashes for which injury data exist, approximately 30 percent of these children (2,700 children) sustain some degree of injury. Approximately 400 receive moderate (incapacitating) injury or worse.

Among its recommendations, the Task Force called on the General Assembly to pass a Child Passenger Protection Act. In adopting such legislation, Pennsylvania would be following the lead of Tennessee and Rhode Island in requiring that pre-school-aged children be restrained in safety seats while riding as passengers in automobiles. Such legislation implicitly recognizes that children are in special need of legislative protection because they have no control over decisions regarding their safety. This law would prohibit the hazardous practice of carrying young passengers on the lap of an adult (Figure 3).

In March 1981, a Child Passenger Protection Act was introduced in the Pennsylvania Senate. It provides that drivers who transport young children unrestrained will be considered guilty of "reckless endangerment of a child passenger." A fine is provided but may be waived by a judge or magistrate

upon proof of purchase or ownership of a child safety seat.

Experience in Tennessee has shown that such legislation has more than tripled the use of safety seats from 10 percent to 29 percent, yet a substantial proportion of Tennessee children still remain at risk.

The Pennsylvania Chapter of the American Academy of Pediatrics has endorsed the proposed Pennsylvania legislation. The Pennsylvania Medical Society also has lent support to the concept of child passenger protection legislation. Other professional organizations are expected to follow suit.

This legislation will face stiff opposition from those who feel that it unduly intrudes on the discretion and individual freedom of parents in their child-rearing role. The issue of invasion of privacy of the family unit will certainly be raised. Still other objections will center around the charge of "excessive regulation."

In 1979, seventeen children aged 0-4 died as vehicle occupants in Pennsylvania. In 1980, an additional 26 died in this fashion. The fate of the proposed Child Passenger Protection Act will depend upon how all the arguments of the opposition are weighed against the rights of children to reasonable protection from preventable injury and needless death.

REFERENCES

1. Policastro, A.M.: Childhood automobile safety. *Am Fam Physician* 20:139, 1979.
2. Reisinger, K.S., Williams, A.F., Wells, J.K., Johnson, C.E., Roberts, T.R., Podgany, J.J.: Effect of pediatrician counseling on infant restraint use. *Pediatrics* 67:201, 1981.
3. Karwacki, J.J., Baker, S.P.: Children in motor vehicles, never too young to die. *JAMA* 242:2848, 1979.
4. Accident Facts, National Safety Council, Chicago 1980.
5. Waller, J.A.: Injury as a public health problem, (in Last, J.M.: *Public Health and Preventive Medicine* New York, Appleton-Century-Crofts, 1980, pp 1548-1592.
6. DeHaven, H.: Mechanical analysis of survival in falls from heights of fifty to one hundred and fifty feet. *War Medicine* 2:586, 1942.
7. Williams, A.F.: Warning: in cars, parents may be hazardous to their children's health, the hazards of on-lap travel. Washington, Insurance Institute for Highway Safety, 1978.
8. Haddon, W.: A logical framework for categorizing highway safety phenomena and activity. *J Trauma* 12:193, 1972.
9. Scherz, R.G.: Fatal motor vehicle accidents of child passengers from birth through four years in Washington State. *Pediatrics* (in press).
10. Widome, M.D.: Vehicle occupant safety, the pediatrician's responsibility. *Pediatrics* 64:966, 1979.
11. Christopherson, E.: Children's behavior during automobile rides, do car seats make a difference? *Pediatrics* 60:69, 1977.

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Emotional concomitants of severe learning disabilities

Jules C. Abrams, PhD

In the past twenty years there has been increasing interest in, and concern for, youngsters with severe learning disorders. Twenty-five years ago, if a child suffered from a learning difficulty, he probably would have been considered mentally retarded or emotionally disturbed. The psychological and psychiatric literature was replete with articles professing the importance of social and emotional factors in children with learning problems. Difficulties in school appeared to be the major reason for a child's being referred to a psychiatric clinic or to a private psychotherapist.

The early 1960s brought about a rather sudden shift of the pendulum. The psychological orientation lost ground, and neurologic factors rapidly gained ascendance as major components in the etiology of severe learning disabilities. As so frequently happens, this shift of emphasis also was accompanied by a new set of labels which was supposed to clarify the nature of the learning disturbance. Thus one was confronted with such terms as minimal brain damage, minimal cerebral dysfunction, dyslexia, developmental discrepancy, minimal desynchronization syndrome, among many others. Whatever the specific label, the message was clear: neurologic factors were considered to play the most important role in the development of learning problems.

It is likely that the shift to the "organic" emphasis also was largely responsible for the emergence of many of the more medically oriented therapies. The concept of minimal brain dysfunction, particularly in relation to such symptoms as hyperactivity, hyperdistractibility, and disinhibition, evoked high hopes for the usefulness of stimulant drug therapy.¹ Others have felt that most learning disabilities result from a lack of vitamins;² accordingly, youngsters have been prescribed a regimen of megavitamins. More recently, there has been a strong movement to restrict the intake of food additives, food dyes, and sugar.³

A variety of theories have proposed that impaired performance in learn-

ing is due to deficits in presumed developmentally and hierarchically essential reflexes and perceptual competencies. These approaches variously involve treatment related to patterning,⁴ sensory integrative therapy,⁵ and developmental optometry. For some cases of developmental dyslexia, medications used for vestibular dysfunction or in preventing seasickness, such as dimenhydrinate have been suggested. This is based on the idea that dyslexia and other related conditions emanate from brain-stem and cerebellar dysfunction.⁶

It is not the purpose of this paper to evaluate critically these approaches as well as many others that have been proposed to explain the multifaceted vagaries of learning disabilities. Silver⁷ and Adamson⁸ have provided thoughtful and critical evaluations of these as well as other "organically" oriented therapies. One should not forget, too, that there have been genetic explanations for some types of learning disability, questions raised about the importance of cerebral dominance in the etiology of certain learning disorders, as well as a variety of psychodynamic explanations.

This author recognizes that we are still probably far from determining the cause or causes of severe learning disability. Nevertheless it is all too clear that when children experience severe difficulties in learning, their problems are almost always exacerbated by a number of other factors. Constant failure and frustration may

lead to strong feelings of inferiority which, in turn may intensify the initial learning deficiencies. Under the impact of continued failure, children may withdraw or may act out aggressively. Interpersonal relationships may be severely affected, while the children too, may displace many of their problems onto the home situation. Therefore, it is likely axiomatic to say that most children with severe learning disorders have concomitant emotional reactions.

Case report

Larry was referred because of his continuing difficulties in school, both academically and behaviorally. From the time he was enrolled in the first grade, he had experienced a great deal of difficulty in learning to read. No matter how many times he was told a word, the next time he saw it — even when it was on the very next line — was as though he had never seen it before. Yet he could understand practically anything that was read to him. When he was seen for psychological educational evaluation, he was in the fourth grade and still unable to read at the primer level. This was despite Larry's exposure to appropriate instruction, and to various educational techniques that had been tried with him (e.g. phonetic, linguistic, etc.). Pediatric examination, including neurologic evaluation, had revealed no abnormalities.

The Wechsler Intelligence Scale for Children-Revised was administered. Larry achieved a verbal IQ of 98 (in the average range), a nonverbal IQ of 125 (in the superior range), and an overall IQ of 114 (in the bright-normal range). The significant discrepancy between the verbal IQ and the nonverbal IQ is frequently found in dyslexic children and reflects the generalized language retardation that is so characteristic of this group. Moreover, Larry evidenced the problems in verbal concept formation often found in dyslexics. At times he could detect functional or concrete similarities in otherwise different properties of things; at no time was he able to com-

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with a truly abstract conceptualization. He especially experienced difficulty with concepts of time, space, and distance.

Larry's teacher also had reported that the youngster frequently had trouble pulling out of his storehouse of knowledge things that were pertinent and related to material introduced in a class discussion. Larry could deal successfully with rote learning that represented simply an acquisition of information, but he had difficulty in applying that information to functional situations. It is very important to note that Larry's difficulties were almost exclusively in the verbal area. He had no problems with nonverbal concept formation; his analytic-synthetic skills were excellent, and his visual organizational abilities superior (all of which accounted for his high score on the nonverbal section of the intelligence test).

The Bender Visual Motor Gestalt Test along with other specific tests of visual perception also were given to Larry. In contrast to his problems in the areas of spoken and written language, his perceptual skills were intact. Again this is characteristic of a child with specific reading disability or dyslexia. Visual and auditory screenings were both negative.

When Larry was asked to recognize words presented to him individually in isolation, he was only able to recognize 10 percent of the words at the preprimer level; at the primer level, 45 percent; and at the first reader level, only 10 percent. Furthermore, he made many static reversals (b for d; p for q) and kinetic reversals (saw for as; on for no).

Reading material in context did not make the task any easier for Larry. Figure and context cues were of no value in aiding him to understand the mystery of the printed symbols. As he read both orally and silently from a series of basal readers which increased in difficulty, Larry's tension and frustration became more and more visible. For the first time in the course of the psychological evaluation, he grew

restless and complained that he was tired. He also became increasingly hostile to the examiner.

Despite Larry's intelligence, he was unable to understand what he was reading because of the frustration he was experiencing in decoding the printed symbols. He became a totally different child when the examiner reversed the procedure and read material to him. His comprehension improved immeasurably; more significantly, his entire demeanor changed from a terribly frustrated and angry youngster, to an enthusiastic and exuberant one.

Other tests of cognitive abilities and neuropsychological functioning were administered to Larry. We will not elaborate on these since the focus of this paper is on the emotional concomitants to learning disability. It is sufficient to say that Larry showed the kinds of cognitive deficits that are associated with primary reading retardation or dyslexia.

To assess Larry's emotional status a series of projective tests was used. These tests require an individual to project his own ideas, feelings, interests, and experiences in responding to relatively unstructured stimuli. In this way we can obtain what amounts to a kind of x-ray of the personality.

The results of the social and emotional evaluation revealed a youngster with considerable anxiety associated with feelings of inadequacy. He did not see himself as an effective individual capable of manipulating the environment in order to achieve his goals. He was afraid of being hurt, and for this reason, he did not feel free to invest his emotions in interpersonal relationships. One means of defense he used was to wall off his emotions so that they were not expressed. Larry showed considerably less affective responsiveness than was typical of his age. What affective responsiveness he did show was narcissistic and not channeled in a productive fashion.

Even though the nature of his defenses did not allow Larry to be as productive as he might be, he compensated for this in fantasy. His fantasies

were highly aggressive, and replete with demonstrations of masculine prowess and authority. The nature of these fantasies was not pathological or even atypical. He showed the aggressive fantasies typical of his age. Indeed, if he were able to implement these fantasies in realistic endeavors, he could have been much more productive and successful.

Larry showed no disturbance in his ego functions. His defenses operated efficiently for him. Unacceptable impulses broke through only rarely and when they did, they were aggressive in nature, like his constructive fantasies, and were most likely in response to his feeling that he was being made even more inadequate than was usually the case. Most of the time Larry showed no difficulty in delaying or mediating the expression of his impulses. His ability to perceive situations realistically also was very good. Although Larry showed some conflict concerning hostile impulses, and resultant defenses which impeded his efficiency, there was reason for his hostile feelings, for his feelings of narcissistic wounding, and for his feelings of inadequacy, all in his current life situation.

Because Larry's parents had not understood the reading difficulty, he did not get the love, protection, or support which he needed from them. He also had been chided and criticized by his siblings, as well as by many other people who came into the household. In other words, there was nothing either in his basically obsessive character structure or in his current mode of handling his conflicts which seemed sufficient to have caused such a severe reading difficulty. In fact, the evidence was just the other way; his reading difficulty with its resultant environmental stresses had caused his present emotional conflicts.

Discussion

Psychiatric disturbances are about three times more frequent in children with severe learning disabilities than in a control school population, according to the epidemiologic studies by Rutter.⁹ As suggested previously, sus-

tained failure can itself bring about emotional stress. Poor self-concept, performance anxiety, and a negative attitude toward school will further impair learning.

Inquiring whether brain damage or emotional factors account for a child's learning disability often may be asking the wrong question. It is true that there are many children who show emotional disturbances and have anatomically normal brains, but the reverse is rarely true. Children handicapped by some type of central nervous system dysfunction may not always show learning disability, but they will have more psychiatric problems than the population at large. The feelings and behavior of parents and others in a child's environment are conditioned, of course, in part by the handicap. Reciprocal influences between child and parent modify the child's affective development.¹⁰

We have found that the overriding consideration in dealing with the emotional concomitants of learning disability is the sensitivity to the psychological significance of the narcissistic wounding and hurt pride that so characterize the learning disabled child. These qualities of brain damaged children first described by Rappaport¹¹ are to be found in almost any youngster who has had to struggle with failure over a sustained period of time. In this struggle, and unfortunately contributing to it, are relationships with parents, siblings, other relatives, peers, well-meaning acquaintances, and teachers. These relationships often have added immeasurable distortions and complications to an already intolerable situation.

Essentially the narcissistic hypersensitivity is expressed in many different ways, all basically representing the defensive maneuvering on the part of the ego in coping with the anxiety brought on by the intense feelings of inadequacy. In the first place, the child will show very low frustration tolerance, particularly whenever he is in danger of any further wounding of his already hurt pride. If he feels in danger of failing, if the educational material seems to be too challenging, the child may show a "catastrophic reaction." Closely related to the inability to tolerate the frustration is the child's tendency to flee from challenge.

The child must retreat from learning because any possibility of failure represents a severe threat to self-esteem.

Secondly, the child frequently will engage in an exaggerated form of compensatory behavior designed to prove to himself and to others that he is not defective — that indeed he has remarkable mental abilities. (Larry, for example, memorized the schedules of every train leaving center city Philadelphia and going to the suburbs, along with every stop and time on the way.)

Related to the child's wish to compensate for deficiencies is the mechanism of retreat into omnipotence. This, too, is designed as a defense against the feelings of defectiveness and helplessness. Retreat into omnipotence is also an effective weapon in the classroom. By assuming the air of "knowing it all," the child feels able to protect himself from the painful realization that he cannot keep up with his peers. Omnipotence, however, also results in the child's being even less receptive to the learning process because he cannot risk revealing that omnipotence for the sham it is.

A third defensive maneuver brought about by the damaged self-esteem is the child's attempt to control and to manipulate others. Some children learn very early that they can use their handicap as a way of controlling their parents. These children sense the ambivalence and guilt that frequently have led to the parents' overprotection and overindulgence. They recognize that their handicap can become a weapon, and one over which they can exercise considerable control. They ultimately use the dependency, which has been fostered and encouraged, to manipulate the parents.

Negativism and power struggles, too, are common phenomena related to the narcissistic hypersensitivity. Many years of failure make the child seriously question himself. The child's constant exposure to a world ill-equipped to help makes him turn against erstwhile helpers. By the time the child begins school, he has learned to distrust those who set themselves up as friends and mentors. Such an attitude is a serious hindrance to academic, social, and emotional growth. These youngsters, baffled by their problems, hurt by the people

around them, terribly afraid of any further threat to pride, become angry. This is then partially internalized in a passive resistant pattern which makes them nonreceptive to learning.

Conclusion

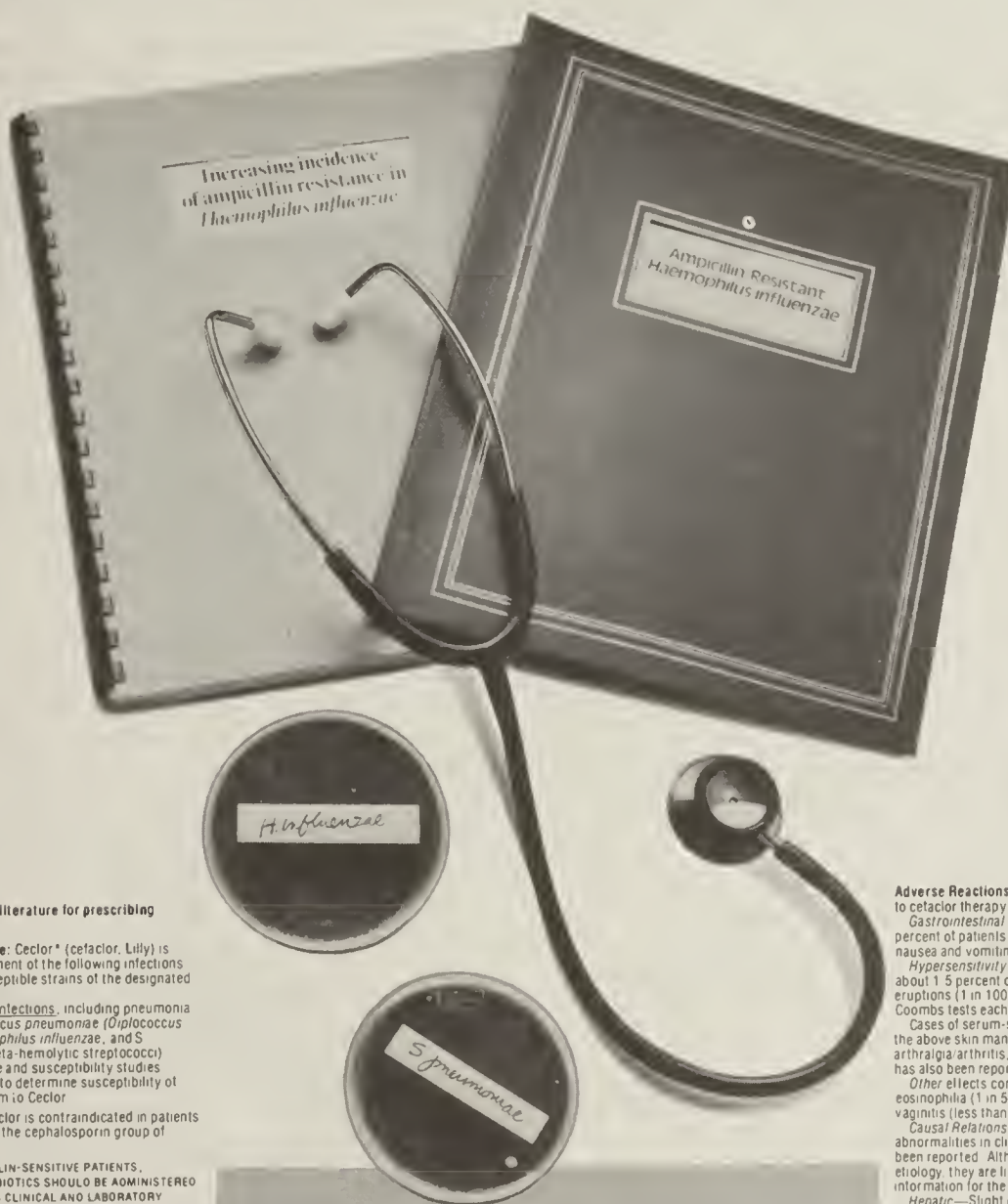
Whatever the etiology of learning disabilities, therapy and management must take into consideration the emotional concomitants of the learning failure. The available resources include special education, manipulation of the environment, parent counseling, pharmacologic agents, psychotherapy, and other related therapies.

It is our feeling that behavior is always the result of the interaction between organism and its environment, and that purely emotional disorders often are engrafted upon the organic dysfunction and outrank it in importance. This is in no way meant to minimize the cognitive realm, but again reinforces the fact that cognition is very much intertwined with the affective sphere. We ultimately cannot deal with the deleterious effects of the low self-esteem and hurt pride unless we are alerted to it and develop the techniques to overcome it. Only then will the child become emotionally receptive to the learning process. □

REFERENCES

1. Kinsbourne, M., Caplan, P. J.: *Children's Learning and Attention Problems*. Boston: Little, Brown and Company, 1979.
2. Cott, A.: The orthomolecular approach to behavioral disorders and learning disabilities. *Academic Therapy* 7:245-258, 1972.
3. Feingold, B. F.: *Why Your Child is Hyperactive*. New York: Random House, 1975.
4. Doman, G., Delacato, D.: Learning and human achievement: philosophy and concepts. *Human Potential* 1:113-120, 1968.
5. Ayres, A. J.: Deficits in sensory integration in educationally handicapped children. *J Learning Disabilities* 2:160-168, 1969.
6. Frank, J., Levinson, H.: Dysmetric dyslexia and dyspraxia: hypothesis and study. *J American Academy of Child Psychiatry* 12:690-701, 1973.
7. Silver, L. B.: Acceptable and controversial approaches to treating the child with learning disabilities. *Pediatrics* 55:406-415, 1975.
8. Adamson, W., Adamson, K.: *A Handbook for Specific Learning Disabilities*. New York: Gardner Press, 1978.
9. Berger, M., Yule, M., Rutter, M.: Attainment and adjustment in two geographical areas. II: The prevalence of specific reading retardation. *Br J Psychiatry* 126:510-519, 1975.
10. Abrams, J., Kaslow, F.: Learning disability and family dynamics: a mutual interaction. *Journal of Clinical Child Psychology* 5:35-40, 1976.
11. Rappaport, S. R.: Behavior disorder and ego development in a brain-injured child. *Psychoanalytic Study of the Child* 16:423-450, 1961.

An added complication... in the treatment of bacterial bronchitis*



Brief Summary Consult the package literature for prescribing information.

Indications and Usage: Cefclor* (cefclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Lower respiratory infections, including pneumonia caused by *Streptococcus pneumoniae* (*Diplococcus pneumoniae*), *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci). Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

Contraindication: Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: IN PENICILLIN-SENSITIVE PATIENTS, CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS. AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

Precautions: If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g. pressor amines, antihistamines, or corticosteroids.

Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

As a result of administration of Cefclor, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clinistest* tablets but not with Tes-Tape* (Glucose Enzymatic Test Strip, USP, Lilly).

Usage in Pregnancy: Although no teratogenic or antifertility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy: Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.⁷

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cefclor

Pulvules®, 250 and 500 mg

Adverse Reactions: Adverse effects considered related to cefclor therapy are uncommon and are listed below. **Gastrointestinal** symptoms occur in about 2-5 percent of patients and include diarrhea (1 in 70) and nausea and vomiting (1 in 90).

Hypersensitivity reactions have been reported in about 1-5 percent of patients and include morbilliform eruptions (1 in 100), pruritus, urticaria, and positive Coombs tests each occur in less than 1 in 200 patients. Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain: Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic: Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic: Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal: Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200).

*Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefclor* (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother., 8: 91, 1975.
2. Antimicrob. Agents Chemother., 11: 470, 1977.
3. Antimicrob. Agents Chemother., 13: 584, 1978.
4. Antimicrob. Agents Chemother., 12: 490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), II, 880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother., 13: 861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.



Additional information available to
the profession on request from
Eli Lilly and Company
Indianapolis, Indiana 46285
Eli Lilly Industries, Inc.
Carolina, Puerto Rico 00630

100061

obituaries

• *Indicates PMS membership at time of death*

• **Roland M. Brickbauer**, Mohnton; Hahnemann Medical College, 1927; age 78, died April 7, 1981. Dr. Brickbauer was a past president of the Reading Eye, Ear, Nose and Throat Society.

• **W. LeRoy Eisler**, Butler; University of Pittsburgh School of Medicine, 1930; age 83, died March 16, 1981. Dr. Eisler had been in private practice in Butler for 49 years.

• **James M. Hepburn**, Pittsburgh; University of Pittsburgh School of Medicine, 1943; age 62, died April 18, 1981. Dr. Hepburn was a respiratory specialist in Allegheny General Hospital and former head of its chest clinic.

• **Robert S. Lucas**, Butler; Jefferson Medical College, 1927; age 80, died February 7, 1981.

• **Benjamin Herman K. Miller**, Philadelphia; University of Maryland School of Medicine, 1930; age 75, died April 11, 1981. Dr. Miller was an internist in Philadelphia for more than 50 years and also was medical director of Philadelphia Community College.

• **Ernest O. Moehlmann**, Richland; University of Pennsylvania School of Medicine, 1930; age 80, died April 14, 1981. Dr. Moehlmann had been a physician in Richland for more than 40 years.

• **Lovell Allen Reynolds**, Russellton; University of Pittsburgh School of Medicine, 1930; age 76, died March 22, 1981. Dr. Reynolds had been a surgeon on the staffs of Citizens General and Allegheny Valley hospitals.

• **John Frederick Sexauer**, Pittsburgh; University of Pittsburgh School of Medicine, 1930; age 75, died March 30, 1981.

• **Seril Ivan Slavkin**, Pittsburgh; University of Pittsburgh School of Medicine, 1961; age 44, died March 25, 1981. Dr. Slavkin was a general practitioner in Mt. Lebanon.

• **Donald E. Stader**, Allentown; St. Louis University School of Medicine, 1935; age 71, died April 12, 1981. Dr. Stader was former chief pathologist and director of laboratories at Sacred Heart Hospital.

• **Willard D. Stewart**, Pleasantville; University of Pittsburgh School of Medicine, 1935; age 81, died March 22, 1981. Dr. Stewart had been a practicing physician in Pleasantville since 1937 and was a member of the Titusville Hospital staff.

• **Paul D. Zubritzky**, McKees Rocks; Temple University School of Medicine, 1936; age 69, died April 14, 1981. Dr. Zubritzky was a physician in McKees Rocks for 45 years and a staff member of O'Neil Valley Hospital.

• **M. Walker Allen, Sr.**, Philadelphia; Howard University College of Medicine, 1936; age 70, died April 17, 1981.

• **Richard B. Greene**, Linstead; Hahnemann Medical College, 1935; age 74, died April 9, 1981.

• **Arthur J. Greenleaf**, Highstown, NJ; University of Pittsburgh School of Medicine; age 91, died March 26, 1981.

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INDICATION: Methyltestosterone is 17 β -Hydroxy- Δ^4 -androst-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **EFFECTS:** In the male: 1. Eunuchoidism and stunted growth. 2. Male climacteric symptoms when these are due to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-puberal cryptorchidism and incidence of hypogonadism. Cholestatic hepatitis and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal insufficiency. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. In the male: Eunuchoidism and eunuchism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipanioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

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Physician — family practice. Part time, private office far-Northeast. Pennsylvania license and malpractice insurance required. Write Department 864, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

House staff physician — Excellent opportunity for a *Pennsylvania licensed* physician to serve in a responsible position of a modern suburban Philadelphia, 286 bed hospital. JCAH accredited. \$40,000 per year plus vacation, sick leave, paid pension plan, hospitalization, malpractice insurance, and disability insurance. Some evening and night duty required. For further information, contact John F. Dunleavy, Assistant Executive Director, Holy Redeemer Hospital, Meadowbrook, PA 19046; (215) 947-3000.

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SKELETAL MUSCLE SPASM

Actions associated with spasm

Normally, presynaptic inhibition of impulses to motoneurons prevents the continuous contraction of skeletal muscles. When this regulatory mechanism is overloaded, however, it cannot cope with the excessive number of impulses directed at the motoneurons and muscles go into spasm. This bombardment of impulses may come from the brain stem reticular formation or the spinal cord—or both. Whichever the source of the impulses, adjunctive Valium (diazepam/Roche) has demonstrated its ability to relieve the spasm-pain-spasm cycle. This has long been known. Now evidence is emerging that Valium may have skeletal muscle relaxant activity not only at the brain and spinal levels but possibly at a third site—the muscle itself.



Counteractions associated with Valium® (diazepam/Roche)

In the reticular formation

Animal experiments have shown a reduction in the rate of neuron firing in the brain stem reticular formation after administration of Valium.^{1,2} This system, therefore, may be a major site of Valium action.

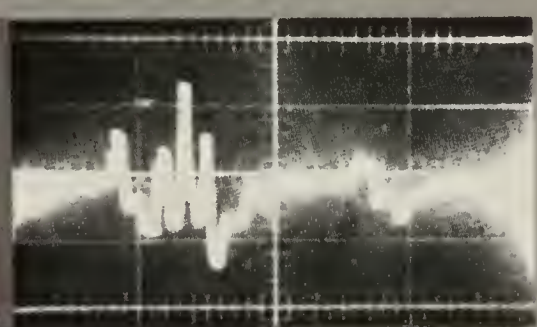
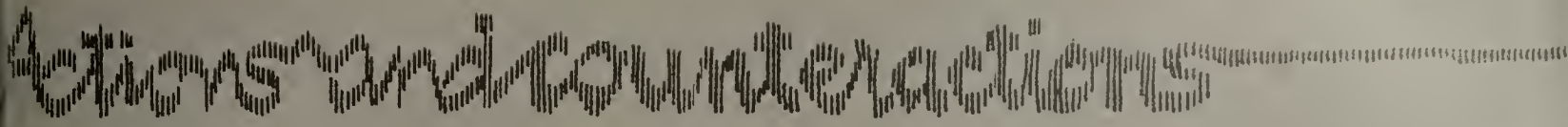
In the spinal cord

The ability of Valium to diminish skeletal muscle spasm may also be due to its action at the spinal level. Both animal and human experimental evidence indicates that Valium appears to improve the efficiency of presynaptic inhibition in the spinal cord.³⁻⁶

In the muscle itself

In both animal⁷ and human⁸ studies, Valium has been shown to have a direct effect on the muscle itself. Diazepam, administered to 15 spastic patients with neurological lesions, reduced the amplitude of the compound action potential of direct muscle response as well as the isometric twitch tension. From this, it was postulated that Valium may affect the contractile properties of muscle and possibly

References: 1. Przybyla AC, Wang SC. *J Pharmacol Exp Ther* 163:439-447, 1968. 2. Tseng TC, Wang SC. *J Pharmacol Exp Ther* 178:350-360, 1971. 3. Stratten WP, Barnes CD. *Neuropharmacology* 10:685-696, 1971. 4. Schmidt RF, Vogel ME, Zimmermann M. *Arch Exp Pathol Pharmacol* 258:69-82, 1967. 5. Murayama S, Uemura H, Suzuki T. *Jpn J Pharmacol* 22 (Suppl): 79, 1972. 6. Verrier M, MacLeod S, Ashby P. *Can J Neurol Sci* 2:179-184, Aug 1975. 7. De Groof RC, Bianchi CP, Narayan S. *Eur J Pharmacol* 66:193-199, 1980. 8. Verrier M, Ashby P, MacLeod S. *Am J Phys Med* 55:184-191, 1976. 9. Fowles EW, Strickland DA, Pearson GA. *Am J Phys Med* 44:9-19, 1965.



Electromyographic evidence of muscle spasm in a patient before administration of diazepam*

35 minutes after I.M. diazepam 10 mg, muscles are completely relaxed*

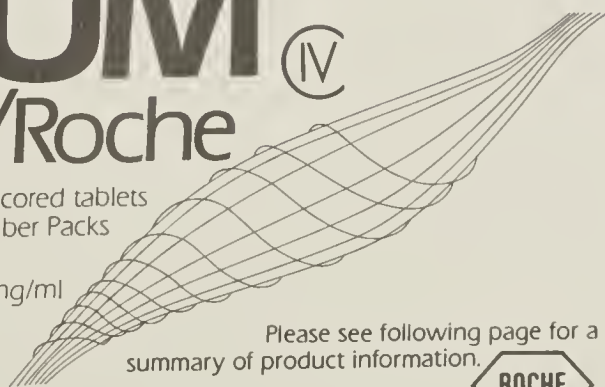


*Adapted from Fowlks EW, et al.⁹

the electrical properties of muscle membrane. Recent *in vitro* studies demonstrated that diazepam decreases tension in rapidly stimulated muscle and increases the rate of loss of calcium (needed for efficient coupling of action potential to muscle contraction) in the skeletal muscle of frogs. While these studies imply three possible sites of Valium (diazepam/Roche) activity, conclusive proof of the sites of action of Valium will require further research.

Adjunctive VALIUM[®] (IV) diazepam/Roche

- 2-mg, 5-mg, 10-mg scored tablets
- Tel-E-Dose[®] Reverse-Number Packs
- 2-ml Tel-E-Ject[®] ready-to-use disposable syringes } 5 mg/ml
- 2-ml ampuls, 10-ml vials }



Please see following page for a summary of product information.



Adjunctive **VALIUM**[®] diazepam/Roche ^{IV}

Before prescribing, please consult complete product information, a summary of which follows:

The effectiveness of Valium (diazepam/Roche) in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

Contraindications: Tablets in children under 6 months of age; known hypersensitivity; acute narrow angle glaucoma; may be used in patients with open angle glaucoma who are receiving appropriate therapy.

Warnings: As with most CNS-acting drugs, caution against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving). Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals (drug addicts or alcoholics) under careful surveillance because of predisposition to habituation/dependence.

Usage in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations, as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

ORAL: Advise patients against simultaneous ingestion of alcohol and other CNS depressants.

Not of value in treatment of psychotic patients; should not be employed in lieu of appropriate treatment. When using oral form adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increase in dosage of standard anticonvulsant medication; abrupt withdrawal in such cases may be associated with temporary increase in frequency and/or severity of seizures.

INJECTABLE: To reduce the possibility of venous thrombosis, phlebitis, local irritation, swelling, and, rarely, vascular impairment when used I.V.: inject slowly, taking at least one minute for each 5 mg (1 ml) given; do not use small veins, i.e., dorsum of hand or wrist; use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Administer with extreme care to elderly, very ill, those with limited pulmonary reserve because of possibility of apnea and/or cardiac arrest; concomitant use of barbiturates, alcohol or other CNS depressants increases depression with increased risk of apnea; have resuscitative facilities available. When used with narcotic analgesic eliminate or reduce narcotic dosage at least 1/3, administer in small increments. Should not be administered to patients in shock, coma, acute alcoholic intoxication with depression of vital signs. Has precipitated tonic status epilepticus in patients treated for petit mal status or petit mal variant status. Not recommended for OB use.

Efficacy/safety not established in neonates (age 30 days or less); prolonged CNS depression observed. In children, give slowly (up to 0.25 mg/kg over 3 minutes) to avoid apnea or prolonged somnolence; can be repeated after 15 to 30 minutes. If no relief after third administration, appropriate adjunctive therapy is recommended.

Precautions: If combined with other psychotropics or anticonvulsants, carefully consider individual pharmacologic effects—particularly with known compounds which may potentiate action of Valium (diazepam/Roche), i.e., phenothiazines, narcotics, barbiturates, MAO inhibitors and antidepressants. Protective measures indicated in highly anxious patients with accompanying depression who may have suicidal tendencies. Observe usual precautions in impaired hepatic function; avoid accumulation in patients with compromised kidney function. Limit oral dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation (initially 2 to 2½ mg once or twice daily, increasing gradually as needed or tolerated). The clearance of Valium and certain other benzodiazepines can be delayed in association with Tagamet (cimetidine) administration. The clinical significance of this is unclear.

INJECTABLE: Although promptly controlled, seizures may return; re-administer if necessary; not recommended for long-term maintenance therapy. Laryngospasm/increased cough reflex are possible during peroral endoscopic procedures; use topical anesthetic, have necessary countermeasures available. Hypotension or muscular weakness possible, particularly when used with narcotics, barbiturates or alcohol. Use lower doses (2 to 5 mg) for elderly/debilitated.

Adverse Reactions: Side effects most commonly reported were drowsi-

ness, fatigue, ataxia. Infrequently encountered were confusion, constipation, depression, diplopia, dysarthria, headache, hypotension, incontinence, jaundice, changes in libido, nausea, changes in salivation, skin rash, slurred speech, tremor, urinary retention, vertigo, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances and stimulation have been reported; should these occur, discontinue drug.

Because of isolated reports of neutropenia and jaundice, periodic blood counts, liver function tests advisable during long-term therapy. Minor changes in EEG patterns, usually low-voltage fast activity, have been observed in patients during and after Valium (diazepam/Roche) therapy and are of no known significance.

INJECTABLE: Venous thrombosis/phlebitis at injection site, hypoactivity, syncope, bradycardia, cardiovascular collapse, nystagmus, urticaria, hiccups, neutropenia.

In peroral endoscopic procedures, coughing, depressed respiration, dyspnea, hyperventilation, laryngospasm/pain in throat or chest have been reported.

Dosage: Individualized for maximum beneficial effect.

ORAL—Adults: Anxiety disorders, relief of symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; acute alcohol withdrawal, 10 mg t.i.d. or q.i.d. in first 24 hours then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d.; adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. **Geriatric or debilitated patients:** 2 to 2½ mg 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) **Children:** 2½ mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

INJECTABLE: Usual initial dose in older children and adults is 2 to 20 mg I.M. or I.V., depending on indication and severity. Larger doses may be required in some conditions (tetanus). In acute conditions injection may be repeated within 1 hour, although interval of 3 to 4 hours is usually satisfactory. Lower doses (usually 2 to 5 mg) with slow dosage increase for elderly or debilitated patients and when sedative drugs are added. (See Warnings and Adverse Reactions.)

For dosages in infants and children see below; have resuscitative facilities available.

I.M. use: by deep injection into the muscle.

I.V. use: inject slowly, take at least one minute for each 5 mg (1 ml) given. Do not use small veins, i.e., dorsum of hand or wrist. Use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Moderate anxiety disorders and symptoms of anxiety, 2 to 5 mg I.M. or I.V. and severe anxiety disorders and symptoms of anxiety, 5 to 10 mg I.M. or I.V., repeat in 3 to 4 hours if necessary; acute alcoholic withdrawal, 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary. Muscle spasm, in adults, 5 to 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary (tetanus may require larger doses); in children, administer I.V. slowly; for tetanus in infants over 30 days of age, 1 to 2 mg I.M. or I.V., repeat every 3 to 4 hours if necessary; in children 5 years or older, 5 to 10 mg repeated every 3 to 4 hours as needed. Respiratory assistance should be available.

Status epilepticus, severe recurrent convulsive seizures (I.V. route preferred) 5 to 10 mg adult dose administered slowly, repeat at 10- to 15-minute intervals up to 30 mg maximum. Repeat in 2 to 4 hours if necessary keeping in mind possibility of residual active metabolites. Use caution in presence of chronic lung disease or unstable cardiovascular status. **Infants (over 30 days)** and **children (under 5 years)**, 0.2 to 0.5 mg slowly every 2 to 5 min., up to 5 mg (I.V. preferred). **Children 5 years plus**, 1 mg every 2 to 5 min., up to 10 mg (slow I.V. preferred); repeat in 2 to 4 hours if needed. EEG monitoring may be helpful.

In endoscopic procedures, titrate I.V. dosage to desired sedative response generally 10 mg or less but up to 20 mg (if narcotics are omitted) immediately prior to procedure; if I.V. cannot be used, 5 to 10 mg I.M. approximately 30 minutes prior to procedure. As preoperative medication, 10 mg I.M.; in cardioversion, 5 to 15 mg I.V. within 5 to 10 minutes prior to procedure. Once acute symptomatology has been properly controlled with injectable form, patient may be placed on oral form if further treatment is required.

Management of Overdosage: Manifestations include somnolence, confusion, coma, diminished reflexes. Monitor respiration, pulse, blood pressure, employ general supportive measures, I.V. fluids, adequate airway. Use levarterenol or metaraminol for hypotension. Dialysis is of limited value.

Supplied: Tablets, 2 mg, 5 mg and 10 mg, bottles of 100 and 500; Tel-E-Dose (unit dose) packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10; Prescription Paks of 50, available in trays of 10. Ampuls, 2 ml, boxes of 10; Vials, 10 ml, boxes of 1; Tel-E-Dose (disposable syringes), 2 ml, boxes of 10. Each ml contains 5 mg diazepam compounded with 40% propylene glycol, 10% ethyl alcohol, 5% sodium benzoate and benzoic acid as buffers, and 1.5% benzyl alcohol as preservative.



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Nutley, New Jersey 07110

PROTECTION POSSIBLE IN MEDICAID CRISIS

An \$11 reimbursement for an office visit of a patient on Medical Assistance is possible as a result of PMS negotiations with the Department of Public Welfare. The PMS Board of Trustees approved on June 24 the \$3.00 fee increase and other points negotiated with DPW. Board Chairman David J. Keck, MD, listed the points in a letter to Welfare Secretary Helen O'Bannon as follows:

1. The Department will publish in the Pennsylvania Bulletin its intent to increase reimbursement for office visits at \$11 per visit within three months.
2. DPW will communicate with physicians its intent to adopt a variation of the uniform claim form by January 1, 1982.
3. PMS will receive from the governor a letter indicating that he understands the serious problems created by the inadequacies in fees for procedures and that he intends to rectify the situation in the 1982-83 budget.
4. DPW agrees that PMS will assist the department in solving its computer problems.
5. PMS will encourage all physicians to accept Medical Assistance patients.
6. PMS will set aside its medicaid plan of action.

PMS ENDORSES TWO FOR AMA POSITIONS

Two Pennsylvania physician leaders, Matthew Marshall, Jr., MD, and Michael P. Levis, MD, will seek positions in the American Medical Association in 1982. The PMS Board on June 24, acting on the recommendation of the Pennsylvania Delegation to the AMA, endorsed Dr. Levis' candidacy for the AMA Board of Trustees, and Dr. Marshall's bid for appointment to the Council on Medical Service. John B. Lovette, MD, chairman of the Pennsylvania Delegation, presented the report.

ARBITRATION FEE BREAK GETS HOUSE APPROVAL

Physicians may not have to pay the 1981 Act 111 arbitration fee of \$25 if the Senate approves a bill passed in the House of Representatives in June. H.B. 1078 would permit the administrator of arbitration panels to reduce or waive the annual fee. Act 111 currently requires those covered by the Act to pay a \$25 fee to maintain the Office of Arbitration Panels. The bill, drafted by PMS, has the support of Arthur Frankston, administrator of the panels. If adopted, H.B. 1078 also would exempt physicians' professional corporations, associations, and partnerships.

COMMITTEE REPORTS "SAFE RIDE" BILL

The Child Passenger Protection Act, S.B. 592, is a step closer to being law in Pennsylvania. The bill was reported out of the Senate Transportation Committee June 15 and is on the Senate calendar. It would impose a \$25 fine for failure to use child passenger restraints for children under four years of age or under 40 pounds. Initiated by the Pennsylvania Chapter of the American Academy of Pediatrics, the bill has widespread support from medical groups.

THIS GOLF TOURNEY DATE POSTPONED TO OCTOBER 5

Monday, October 5 is the new date of the 1981 tournament of the Pennsylvania Medical Golfing Association. The initial announcement named September 21 as the date. Lancaster County Club remains the site.

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Pennsylvania Medicine



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editorial

Nutritional tumorigenesis: foods and cancer

"Whatsoever was the father of a disease, an ill diet was the mother." Herbert, *Jacula Prudentum* No. 1046, (1650).

"So what are we supposed to eat? It seems as if every week they're reporting that something else causes cancer. Butter yellow, cyclamates, honey, and now even coffee have been added to the list. Why don't they stop putting junk in our food? Why don't they just say everything we eat causes cancer? I'm not changing my diet any more. It's ridiculous!"

This pronouncement generally expresses the attitude of the average American concerning nutritional tumorigenesis. It probably reflects a defense against scaremongering; perhaps it reflects disbelief. Many Americans find no meaningful relationship between themselves and laboratory animals, particularly rodents. Experts do agree, however, that foods, their preparation, and diet are factors in the promotion of cancer as well as other diseases.

Foods, themselves, are sometimes carcinogens. They fall broadly into two categories: contaminants and additives. Contaminants either may occur naturally (e.g. aflatoxins and molds) or may be introduced (e.g. pesticides and fertilizers). Additives include dyes and preservatives. Since most foodstuffs in modern society must be shipped and stocked in grocery stores, preservation and storage are extremely important. Chemicals are necessary to insure that foods remain free of microbiological contamination.

Some three-fifths of the food additives are ingredients which contribute only to the appearance of food. Dyes, in particular, are in this category. Studies which have produced unsubstantiated evidence of carcinogenicity have caused the withdrawal of some of these substances.

Packaging and preservation are other areas which have been scrutinized. Waxes and plastics have been implicated as carcinogens. Chemicals used in preservation, harmless in themselves, have been shown to interact with other harmless chemicals to produce toxic effects. An excellent example is adding nitrites to meat, such as bacon or hotdogs, for preservation. Nitrites react with amines in the gastrointestinal tract to form nitrosamines which have proven carcinogenic to laboratory animals at low doses.

Chemical contaminants resulting from agricultural practices have found their way into the food chain even in areas remote from the actual usage. Insecticides, herbicides, and fertilizers all have been detected. Traces of DDT have been found in Antarctica. Evidence is lacking that these residues in food are carcinogenic to man.

The method of preparation of food also has been considered in carcinogenesis. Smoking, frying, and charbroiling produce polycyclic aromatic hydrocarbons, compounds

that long have been associated with cancer in animals. Indeed, smoke, itself, contains carcinogens. At present, there is only limited evidence that cooking procedures are carcinogenic in man, but research is ongoing in this area.

Lastly, natural components of certain foods may be tumorigenic. Sassafras root, the flavoring for root beer, is a carcinogen. Aflatoxins, metabolites of *aspergillus flavus*, occur naturally as molds on corn, rice, and several varieties of nuts. Numerous other examples of natural carcinogenicity of foods exist.

The so-called migrant studies which show incidence and site of cancer vary with race, country, ethnic background, and economic standing are the most convincing evidence that overall diet is more influential than are isolated foods. The Japanese exhibit a high incidence of stomach cancer; the Americans have greater incidence of colon and breast cancer. Americans traditionally overeat, and the Western diet is particularly high in fat. The Oriental diet is very low in fat. Japanese emigrants to the United States show a shift from stomach to colon and breast cancer in two to three generations, corresponding to changes in dietary patterns. This is perhaps an indication that nutritional deficiencies or excesses may be associated with incidence of cancer.

If we accept the likelihood that diet and nutrition are associated with cancer, what can be done about it?

We must evaluate cancer causation studies critically and view the results cautiously. We must note the relationship between overall diet and cancer as well as consumption volumes necessary to produce tumors. Cancer is a multifactorial disease; other relationships may be significant.

As physicians, we should recommend following a reasonable, prudent diet of the type recommended by the American Heart Association. We must educate our patients in proper nutrition and diet. By doing so, we will provide the opportunity and means for a healthier population. The late Sir Robert Hutchinson outlined gastronomy in the *Newcastle Medical Journal* (12, 1932) this way:

One swears by wholemeal bread, one by sour milk; vegetarians insist on vegetables alone, but on eating those raw. At one time the only thing that matters is calories; at another time they are crazy about vitamins or about roughage.

The scientific truth may be put quite briefly; eat moderately, having an ordinary mixed diet, and don't worry

David A. Smith, MD
Medical Editor



MEET THE PROFESSORS

Wednesdays, 4 to 7 p.m.

October 14 to December 23, 1981
(No Session November 25)

Course Directors:

Saul J. Farber, M.D.,

Frederick H. King Professor of Internal Medicine and Chairman, Department of Medicine

Louis Shenkman, M.D. Associate Professor of Medicine

COURSE DESCRIPTION

This new course, replacing Consultations in Internal Medicine, is designed to provide even greater interchange between NYU faculty from diverse specialty areas and physicians in internal medicine and family medicine. Each 3-hour session will consist of a distinct unit covering a variety of topics of current interest and controversy. Faculty have been specifically requested to describe "How I Do It," as well as recognizing differing viewpoints. The course experience will enhance the effectiveness of the day-to-day decision making required of practicing physicians.

Each session will begin with capsule presentations for which written handouts, case reviews or blackboard illustrations may be utilized followed by open discussion. To make the interchange more informal, registration will be strictly limited to 60 participants.

TOPICS

Arthritis: Diagnosis and Treatment

Management of the Diabetic

New Diagnostic and Interventional
Tools Available from the Radiologist

Coronary Artery Disease—1981

Antithrombotic Drugs:

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Arterial and Venous Thromboemboli

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FEE: \$490

30 Category I credit hours; 30 AAFP prescribed credit hours (pending).

ALSO

CLINICAL TUTORIAL

152. Dermatology for the Practicing Physician

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newsfronts

AMA president elect wants 'every physician's voice heard'



William Y. Rial, MD, of Swarthmore, is president elect of the American Medical Association. Elected by acclamation June 9 at the annual meeting of the AMA House of Delegates, he will be installed as president in June 1982.

He has been speaker of the AMA House since 1977, and presided over this year's annual meeting. He served as vice speaker from 1973 to 1977. He has been a member of the Pennsylvania Delegation to the AMA since 1969.

A board certified family physician in private practice, Dr. Rial is a past president of the Delaware County Medical Society, and past speaker and vice speaker of the Pennsylvania Medical Society House of Delegates. He also has served in leadership positions in the American and Pennsylvania Academies of Family Physicians.

John B. Lovette, MD, of Johnstown, chairman of the Pennsylvania Delegation to the AMA, nominated Dr. Rial. He said, "Bill Rial is qualified both by talent and experience to lead the AMA . . . The problems of organized medicine in the eighties go beyond resolution and debates. Bill Rial, when not presiding over this House, has addressed with dedication and hard work the difficult issues which face medicine daily. Locally he has been president of the medical staff at Taylor Hospital. Nationally he has served as an AMA commissioner of the Joint Commission on Accreditation of Hospitals. He has been a consulting physician for Blue Cross of Greater Philadelphia and has served on the Board of Directors, Pennsylvania Blue Shield. In these activities he has gained first hand experience with the frustrations of hospital

medical staffs and the problems third party payors.

"Everything about Bill Rial marks him as a man dedicated to serving the profession he loves. His intellect, his compassion, and his boundless energy are all applied daily to his patients and his profession."

Born in Newton Lower Falls, Massachusetts, Bill Rial moved with his family to Pennsylvania at an early age. He is one of the relatively few people who hold degrees in both engineering and medicine, and who have served in both the U.S. Army and the U.S. Navy. He served as a captain for 36 months in the South Pacific during World War II. He returned to the University of Pittsburgh to complete studies for his degree in engineering in 1946, and continued in the university's school of medicine, receiving his MD in 1950. He served his internship at the U.S. Naval Hospital in St. Albans, NY, was discharged as a lieutenant, jg MC, in 1951, and established his medical practice in Swarthmore that same year.

In addition to his leadership in organized medicine, Dr. Rial is active in community and civic affairs. He is a fellow of the Philadelphia College of Physicians and a member of the National Advisory Committee of the Health Management Center, Leonard Davis Institute, of the Wharton School at the University of Pennsylvania.

As he entered his year as AMA president elect, he said, "The goal of my leadership years is to increase physician membership in the AMA and to expand the commitment of those who are already members. It is crucial that every physician's voice be heard during the coming decade. Dramatic changes are in the offing, both in the health care delivery system and in organized medicine itself."

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PRECAUTIONS: Intraocular pressure is increased; therefore, caution is required in administering to patients with glaucoma. Tolerance to this drug and cross tolerance to other nitrites and nitrates may occur.

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tion and collapse) can occur even with the usual therapeutic dose. Alcohol may enhance this effect. Drug rash and/or exfoliative dermatitis may occasionally occur.

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Reference: 1. Hellerstein HK, Friedman EH. Sexual activity and the postcoronary patient. Arch Intern Med 125:987, 1970.

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Less than half of new physicians continue studies here

Pennsylvania's medical schools graduated fewer physicians in 1981 than in 1980. This decrease marks the first time in at least the past decade that the number of graduates has not increased over that of the preceding year.

In 1981, 972 men and 318 women received the degree of medical doctor or doctor of osteopathy from the state's eight schools. The class of 1981, 1,290 strong, has 25 fewer members than the class of 1980. The same number of women were graduated in 1981 as in 1980.

As with the class of 1980, less than 50 percent of the class of 1981 will continue training in the state. At Pennsylvania State University College of Medicine at Hershey, only 40 percent of the graduates chose residencies in Pennsylvania. Only 37 percent of the graduates from the University of Pennsylvania School of Medicine selected programs in the state.

Benevolence to alcoholic lethal remedy

Dr. Twerski proves in new publication

KathyLee Santangelo

Lethal benevolence too often is the remedy that a nonalcoholic offers an alcoholic family member. Abraham J. Twerski, MD, describes the hazards of this practice in his book, *Caution: "Kindness" can be dangerous to the alcoholic* (Prentice-Hall, Inc., 1981, \$4.95).

In more than 35 short case histories, Dr. Twerski presents the evidence to verify his advisory. The reports vividly detail the sufferings of the alcoholic and the nonalcoholic family members. Throughout, Dr. Twerski's theme is that when a nonalcoholic thinks he's helping an alcoholic family member, usually the kindness merely permits the alcoholic to continue to suffer from his disease and may even hinder the alcoholic's recovery.

Although the book is recommended reading for nonalcoholics trying to come to terms with the diseased member of their family, Dr. Twerski also appeals to his colleagues in a genuine plea for better education.

Dr. Twerski says, "One area where lack of knowledge about alcoholism is

One distinguishing characteristic of this year's class is the emergence of the flexible residency program as one of the more frequently chosen training programs. At Hershey, Jefferson Medical College, and University of Pittsburgh School of Medicine, the flexible residency program ranked among the top five preferences of all graduates.

The following lists some specific information available from each school.

Hahnemann Medical College & Hospital of Philadelphia, 134th commencement, June 10, 1981; 179 medical doctor degrees conferred: 139 men, 40 women.

Jefferson Medical College, 157th commencement, June 5, 1981; 224 medical doctor degrees conferred: 182 men, 42 women.

Medical College of Pennsylvania, 129th commencement, May 30, 1981; 120 medical doctor degrees conferred: 47 men, 73 women.

Pennsylvania State University Col-

lege of Medicine, 11th commencement, May 23, 1981; 95 medical doctor degrees conferred: 73 men, 22 women.

Philadelphia College of Osteopathic Medicine, 90th commencement, May 31, 1981; 204 doctor of osteopathy degrees conferred: 177 men, 27 women.

Temple University School of Medicine, 95th commencement, May 2, 1981; 180 medical doctor degrees conferred: 130 men, 50 women.

University of Pennsylvania School of Medicine, May 18, 1981; 156 medical doctor degrees conferred: 118 men, 38 women.

University of Pittsburgh School of Medicine, May 26, 1981; 132 medical doctor degrees conferred: 106 men, 26 women.

PAOO elects officers

Donald B. Kameron, MD, Pittsburgh otolaryngologist, recently was installed as president of the Pennsylvania Academy of Ophthalmology and Otolaryngology. Dr. Kameron succeeds Jerome Dersh, MD, Reading ophthalmologist. George J. Gernet, MD, Pittsburgh ophthalmologist, was elected president elect.

Other officers elected at the Academy's 37th annual convention and scientific meetings are: George H. Corner, MD, Hershey otolaryngologist, first vice president; Philip G. Spaeth, MD, Philadelphia ophthalmologist, second vice president; and Charles S. McConnel, Jr., MD, Allentown otolaryngologist, third vice president.

Edward A. Jaeger, MD, Media ophthalmologist, was elected secretary and William K. Grove, MD, York ophthalmologist was reelected treasurer.

Dr. Kameron is clinical assistant professor in the otolaryngology departments at the University of Pittsburgh School of Medicine and West Virginia University School of Medicine.

At its convention, the Academy also presented its Distinguished Service Award. This year's recipient is William C. Frayer, MD, professor of ophthalmology and vice chairman of the ophthalmology department at the University of Pennsylvania School of Medicine.

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3. Does your company make full financial disclosure to its insureds?	☐	☐
4. Does your company have a strong and active risk management commitment?	☐	☐
5. Does your company have premium discounts for new physicians or those in limited practice?	☐	☐
6. Does your company accept quarterly premium payments?	☐	☐
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State Blue Shield converts to uniform claim form

Pennsylvania Blue Shield will convert to a single claim form for most PBS Regular Business and Medicare on September 1, 1981.

The new form, called the HCFA-1500A CHAMPUS-501, required several years of planning and preparation and will include all lines of PBS business except Dental, Vision Care (EERP) and a few other specialized claim forms.

Why the conversion

Last year the Health Care Financing Administration announced plans to adopt a modified AMA form as its mandatory Medicare Part B Claim Form. Pennsylvania Blue Shield and other Medicare Part B carriers were directed by HCFA to negotiate with state agencies and private insurers to adopt this form, too.

Discussions between Pennsylvania Blue Shield and the Pennsylvania De-

partment of Public Welfare began in the fall of 1980. Early this year, however, DPW decided it would not adopt the proposed form for its medicaid program.

Although the new form cannot be used for medicaid patients, it can be used for most other insured patients. Many commercial health insurers also may accept the new claim form since it is almost identical to the AMA form.

Check only one

At the top of the new Health Insurance Claim Form are four boxes labeled: Medicare, CHAMPUS, Blue Shield, and Other. It is crucial that only one box be checked.

When a patient has both medicare and Blue Shield complementary coverage, only the "Medicare" box should be checked. The PBS system automatically will pass the claim information on to complementary.

The forms must be mailed to the Post Office box number that corresponds to the checked program. The box numbers are: Medicare, Box 61; CHAMPUS, Box 700; and Blue Shield, Box 62. For patients covered by another insurance carrier that accepts the form, the "Other" box should be checked and the form should be mailed directly to the carrier.

This claim form is not acceptable to the Pennsylvania Department of Public Welfare for medicaid patients.

Distribution of new forms

The new form will be distributed June 1, 1981 through August 15, 1981. Computer billers will be notified and sent a supply of the new form by June 1.

The four different versions of the new form and the forms they replace are listed below:

•HCFA 1500A (one part) — Printed with the provider's name and address and replaces:

1490 — Medicare Request for Payment (for providers only, medicare beneficiaries will use form 1490S in place of 1490)

1490-OLA — Anesthesia Medicare Request for Payment

7A-1 — Pennsylvania Blue Shield Par Doctor Service Report

7A-3 — Pennsylvania Blue Shield Non-Par Doctor Service Report

500 — CHAMPUS claim form (for providers only, CHAMPUS beneficiaries will continue to use the current 500 form)

Any Blue Shield subscriber may use the 1500A form.

•HCFA 1500A-2 (two part) — Replaces 1490-2 Medicare Request for Payment. It can be used for PBS and CHAMPUS claims.

•HCFA 1500A-3 (three part) — Replaces 1490-3 Medicare Request for Payment. It can be used for PBS and CHAMPUS claims.

•HCFA 1500A-C (Continuous) — Replaces 1490C-Medicare Request for Payment (continuous) and 7A-1F Pennsylvania Blue Shield Doctor's Service Report (continuous). It can be used for CHAMPUS claims.

Surgeons plan annual Clinical Congress

The 67th annual Clinical Congress of the American College of Surgeons, the largest convention of surgeons in the world, will be held in San Francisco, October 11-16, 1981. More than 13,000 physicians are expected to attend.

Co-headquarters for the Congress will be the Fairmont Hotel and the San Francisco Hilton Hotel. The program will include:

- 18 postgraduate courses
- more than 50 panel discussions and symposia on general surgery and surgical specialties
- addresses by guest lecturers
- presentations of research-in-progress reports
- summary of "What's new in surgery?"
- films, scientific and technical exhibits
- convocation ceremonies awarding fellowship in the college.

Registration at the Clinical Congress is free for fellows of the College whose dues are paid for 1980, and for initiates and participants in the candidate group. The registration fee for nonfellows is \$200. Surgical residents pay \$100.

The continuing medical education programs offered will meet the criteria for hour-for-hour credit in Category 1 as prescribed by the Accreditation Council for Continuing Medical Education.

For further information contact Dianne C. O'Rourke, Manager of Public Information, American College of Surgeons, 55 East Erie St., Chicago, IL 60611; (312) 664-4050.

Pediatricians nationwide plan child safety program

The American Academy of Pediatrics recently announced plans to form a national coalition of medical specialty societies and child health groups which would mount a national campaign to promote the use of child car safety seats and seat belts.

R. Don Blim, MD, president of the Academy, said, "Child vehicle safety is a matter of national concern. Car crashes kill more children — 2,000 each year — than polio, diphtheria, measles, mumps, and rubella. In addition, about 150,000 children are injured each year, many suffering permanent physical or mental disability."

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Physicians star in weekly television program

Arnold W. Cushner

The cooperative effort of physicians, county medical societies, and a variety of other health care entities brings doctors into the homes each week of television viewers in northeastern Pennsylvania.

"Call the Doctor" is a live, one hour call-in program broadcast each Sunday from 10:00 a.m.-11:00 a.m. on WNEP-TV, Avoca, Luzerne County.

The program, now in its fourth year, has never been more successful. Participants are physicians from the Lackawanna, Luzerne, and Monroe county medical societies and the Susquehanna Valley Health Care Consortium, which includes several hospitals in Columbia, Lycoming, Montour, Northumberland, and Union counties.

Twice a year, representatives from

each of these participating units meet and compile a six-month schedule of programs. Topics are selected, and on a rotating basis, each of the participating units assigns a panel of physicians to appear on its program.

Topics are chosen on the basis of what is of interest to listeners and important in living a healthy life. Recent topics have been cancer treatment, allergies, pre-natal care and childbirth, and geriatrics. "Over the course of a year," says Francis Dawgert, MD, Clarks Summit, Lackawanna County, "listeners are able to obtain a lot of firsthand information that not only helps them to live healthier lives, but also makes them better patients when they are ill."

Each program consists of about twenty minutes of discussion among the three or four panel members. The physicians then answer questions phoned in by viewers. There are always far more calls than the panel can answer in the time available.

Two Luzerne County physicians who have appeared on the program frequently as moderators, Gerald I. Gunster, MD, and George P. Moseley, MD, are gratified at the frequent comments from their patients who have seen them on television. Dr. Gunster said, "If the deluge of questions is an indication, we are reaching a large number of listeners every Sunday. It is a rewarding experience."

Carl B. Weiss, MD, Cresco, Monroe County, agreed. "The public gains a great deal through programs like 'Call the Doctor,'" said Dr. Weiss. He and Richard P. Kennedy, MD, East Stroudsburg, Monroe County, have been active in planning the programs.

"But," said Dr. Weiss, "the profession gains a great deal as well. The public relations effect of physician giving of their time to respond to questions of great concern to the public is immeasurable. Comments received by WNEP, by county medical societies, and by physicians appearing on the program all indicate that the program is overwhelmingly appreciated by the public and reflects well on the practice of medicine generally."



Participants in "Call the Doctor" on May 10, 1981 at WNEP-TV, Avoca, from left, Drs. Gerald Gunster, John Rogers, K. Ramadrishna Bhat, and Paul Lenahan.

AMA jail health program re-accredits county prison

For the second time in three years, the Montgomery County prison has received special recognition for the health care it provides to its inmates.

Frank J. Tornetta, MD, chairman of the board of directors of the Montgomery County Medical Society, and H. Craig Bell, MD, president of MCMS, presented a certificate to county and prison officials. The certificate indicated the prison facility was re-accredited by the jail health accreditation program administered by the Pennsylvania Medical Society and sponsored by the American Medical Association.

In receiving the certificate, Anthony J. Mirabile, head of the Board of Prison Inspectors, said, "This two-year accreditation is a testimony to the willingness of county officials, prison personnel, and the local medi-

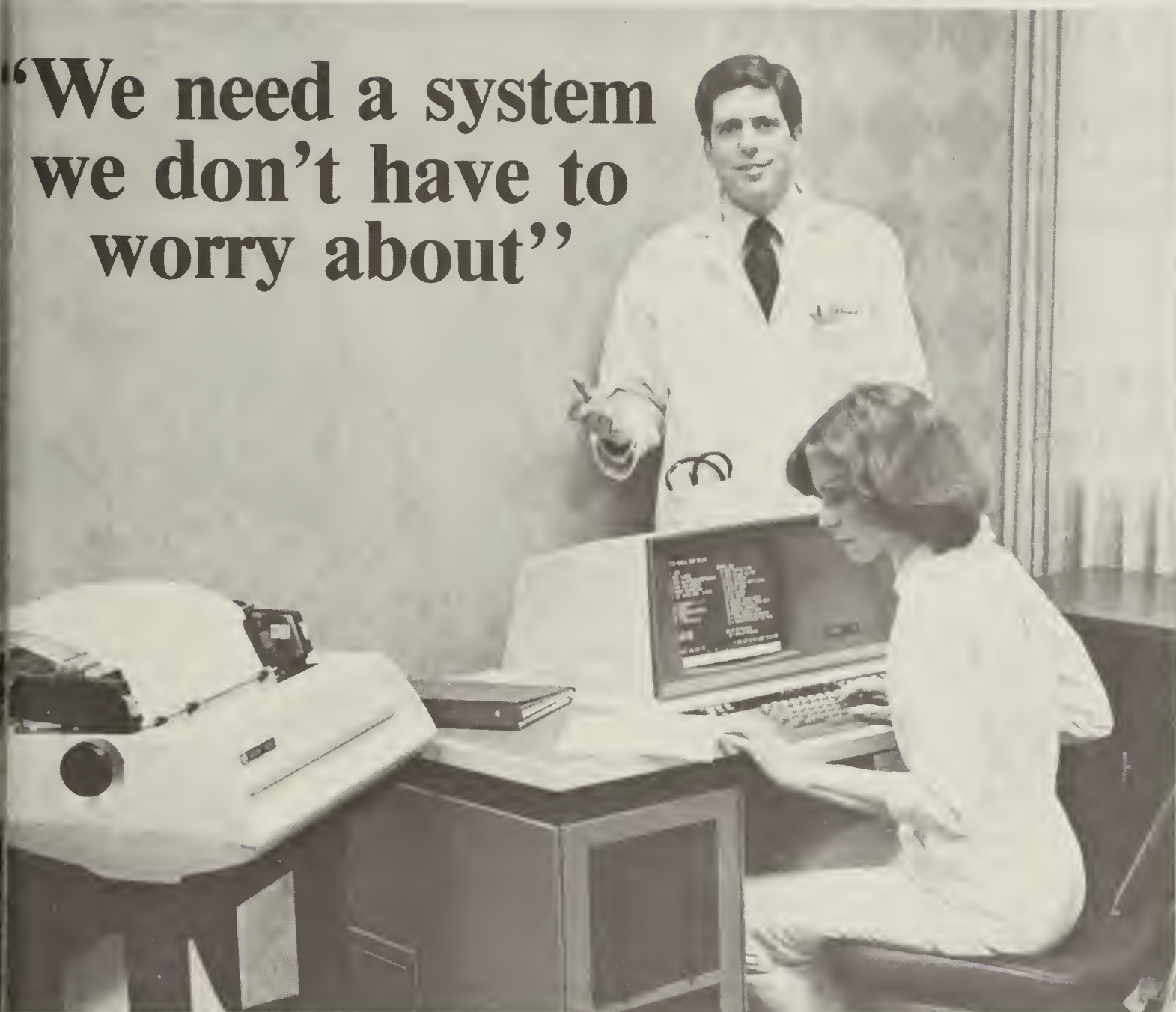
cal community to cooperate to protect and promote the health of all county citizens.

"Health care in our Montgomery County Prison is not only important to the well-being of the inmates, but to the community as well. Since our inmates serve only short terms, their exposure to contagious disease can endanger the entire community once they are released."

PMSLIC elects new vice president

Pennsylvania Medical Society Liability Insurance Company President A. John Smither recently announced the election of Roger M. Roggenbaum as a vice president of the company. Mr. Roggenbaum will continue to serve as manager of PMSLIC's claims department.

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Anti-trust violations and practicing physicians

Gunneth B. Jones, Esq.

This is the first in a series of three articles explaining the basic concepts underlying and related to Section 1 of the Sherman Anti-Trust Act. The articles will identify broad areas where expert advice should be sought before proceeding with a proposed action.

The series does not address other anti-trust statutes nor other sections of the Sherman Anti-Trust Act. For simplicity and brevity, statements will be made as if clearly true, when, in fact, the opposing view is sometimes tenable. Some important questions, generally jurisdictional, are ignored. Finally, the standard anti-trust analysis is assumed to apply to health care; the extent to which this standard analysis applies is still open.

Section 1 of the Sherman Anti-Trust Act prohibits "... every contract, combination, ... or conspiracy in restraint of trade ..."

To establish an anti-trust violation, the plaintiff must first establish that there is a "contract, combination, or conspiracy." An anti-trust violation is like adultery—at least two persons must be involved before the crime can be committed. More exactly, two different *economic entities* must "contract, combine, or conspire."²

For example, if two solo practitioners meet and set a joint fee schedule for both to use, there is a combination of separate economic entities. If, on the other hand, the same two physicians form a professional corporation and the corporation sets a joint fee schedule for both as employees of the corporation, there is no combination; only one economic entity, the professional corporation, is involved. Since price fixing is in restraint of trade, the two solo practitioners have formed a combination in restraint of trade and are violating the anti-trust laws. The professional corporation is not because there is no combination.

The plaintiff need not prove a written or express agreement between two economic entities to show that a combination exists. The existence of an agreement, and thus of a combination, may be proven by circumstantial evidence sufficient to convince the jury that there was, in fact, an agreement.³

The first requirement for proving an agreement by circumstantial evidence is the admission of evidence of conscious parallel conduct.⁴ Conscious parallel conduct, however, is

not enough. The plaintiff also must show that the conduct was contrary to the defendant's economic interests absent the combination and that there were other motivations to enter the agreement.⁵

In addition, the plaintiff must show that *one* of the following *plus* factors was present:

1. A proposal for joint action.
2. Direct communication or the opportunity for direct communication among defendants.
3. A failure by defendants to deny the agreement.
4. A complex yet identical set of responses.
5. A set of circumstances which makes each defendant aware that the action is in his interest if all defendants participate, but adverse to his interest if other defendants did not participate.⁶

An example may clarify these requirements. Assume a malpractice crisis exists and before the legislature there is a bill which limits malpractice awards. Physicians want the bill to be passed but there is substantial opposition. Assume further that, on a given day, all physicians stop treating patients.

Applying the requirements for proving an agreement to these facts, a court in this circuit probably will conclude that the case is sufficient to go to the jury on the issue of whether a combination exists. First, the action of all physicians stopping treatment

of patients is parallel conduct. Second, the action is contrary to the physicians' economic interest absent the combination and there are other motivations such as passage of the proposed legislation to enter the agreement. Third, one of the plus factors — e.g. a proposal for joint action, opportunity for communication, or the physician's awareness that stopping treatment of patients is adverse to his interest unless other physicians do so — will probably be present, too. These are minimum requirements that the plaintiff must meet to have the case reach a jury. The jury still may conclude that no combination exists though, on the facts presented, such a conclusion is unlikely.

A combination that violates Section 1 of the Sherman Anti-Trust Act must be a combination "in restraint of trade." The term "in restraint of trade," like the term "anti-trust," unfortunately, is not useful as a guide to what actions are prohibited. The intent of Congress in enacting the anti-trust laws was to preserve traditional free market competition.⁷ An action "in restraint of trade," therefore, is an anti-competitive action or, an action at variance with the workings of the ideal, free market, competitive model.

This model presumes a large number of buyers and sellers, each with little or no market power. Buyers determine who to buy from on the basis of the price and the quality of the sellers' product. The inefficient seller fails and new sellers who wish to compete can easily enter the market. The net effect of such a market is to force the seller to sell the highest quality

The author is the State Society's staff attorney.

product at the lowest price. The market also forces the seller to allocate resources efficiently on the basis of the laws of supply and demand. Any deviation from this model is probably anti-competitive, thus in restraint of trade, and thus a prima facie violation of the anti-trust laws.

Few, if any, industries operate strictly according to this free market economy model. In almost all cases the question is not whether there are deviations from the ideal model in the particular industry, the question is whether the challenged practice takes the industry further from the ideal competitive model or brings it closer.

To determine whether a particular practice is anti-competitive, the court and jury must examine the industry and the impact of the challenged practice on that industry.⁸ The plaintiff will produce economic experts to propose a model of the industry and of the effect of the practice on the industry. These experts will conclude that the practice is anti-competitive. The de-

fendant, in turn, will produce experts who will propose a different model of the industry and a different effect from the practice and who will conclude the opposite.

Anti-trust actions are particularly fact sensitive; an apparently minor change in economic structure from one industry to another or within an industry over time can change the court's conclusion. Similarly apparently minor variations in the challenged practice can yield a different result. Predicting whether a proposed action will be found to be an anti-trust violation when the issue reaches the courts is, therefore, difficult. In addition, anti-trust actions are costly and time-consuming to bring and to defend.

In sum, the courts will ask two principal questions when faced with an anti-trust case: (1) is there a combination? and (2) is the action of the combination anti-competitive in the context of the particular industry? If the court or the jury concludes that the answer

to both questions is yes, then there is an anti-trust violation.

The next article in this series, to be published in September, will discuss the "per se" rules and the anti-trust exemptions. The per se rules eliminate the need for examining the industry by concluding that some practices are so clearly anti-competitive that no industry analysis is necessary. The exemptions eliminate the need for examining the industry or the practice—that need be shown is that the exemption applies. The final article in the series will apply these anti-trust rules to representative situations in the health care field.

1. 15 U.S.C. § 1.
2. *U.S. v. Colgate & Co.*, 250 U.S. 300 (1919).
3. *Norfolk Monument Co. v. Woodlawn Memorial Gardens, Inc.*, 394 U.S. 700 (1969).
4. *Theatre Enterprise, Inc. v. Paramount Film Distributing Corp.*, 346 U.S. 537 (1954).
5. *Venzie Corp. v. U.S. Mineral Products Co.*, 521 F.2d 1309 (3rd Cir. 1975).
6. L. Sullivan, *Law of Antitrust*, 317 (1977).
7. *Board of Trade of City of Chicago v. United States*, 246 U.S. 231 (1918).
8. *Ibid.*

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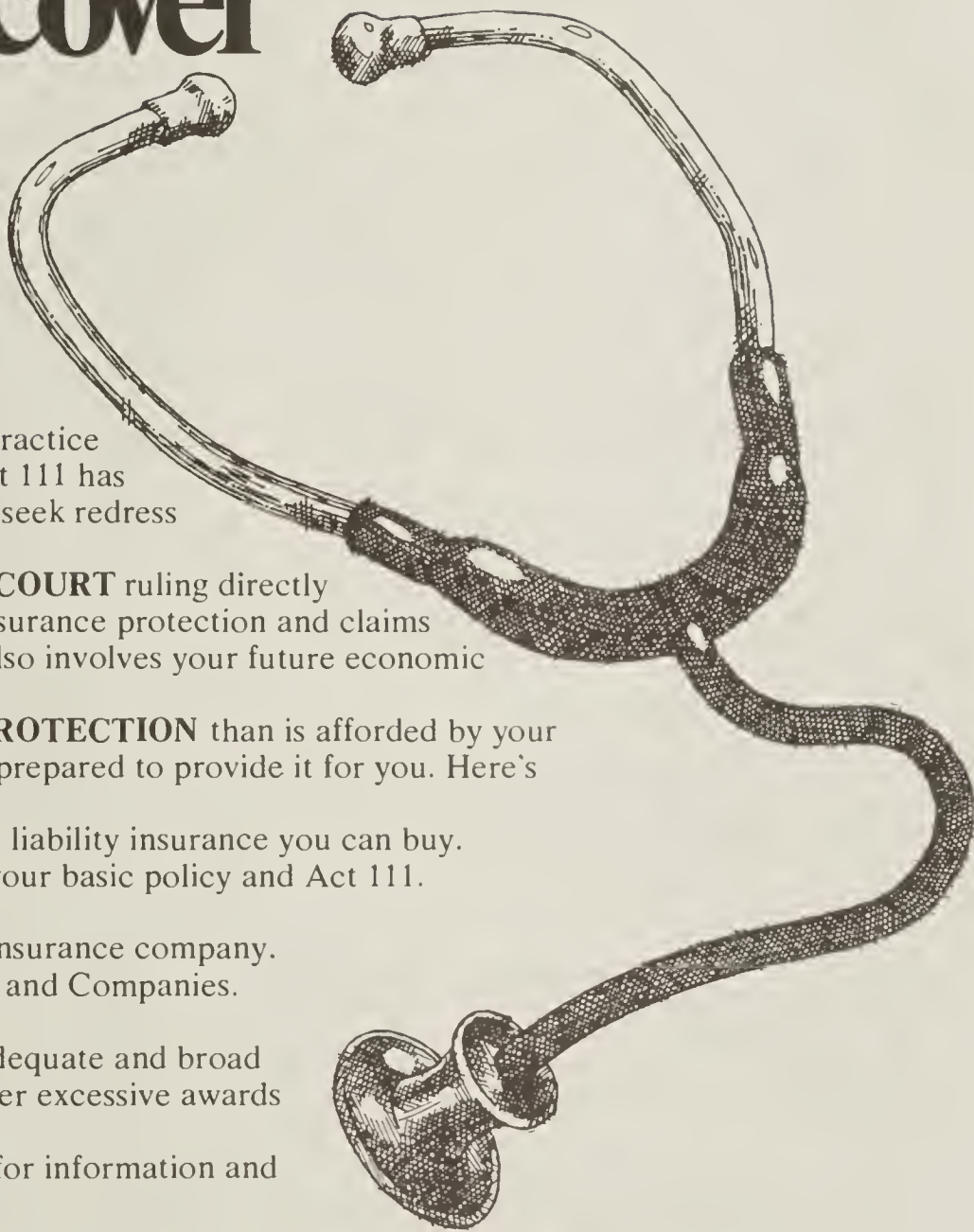
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The Hispanic patient

Ricardo Azziz, MD

Language is the obvious barrier to adequate medical care for Hispanic Americans in Pennsylvania. Yet, a sensitivity to this population's needs, beliefs, and cultural predispositions may help overcome the apparently unfathomable communication gap. The author suggests in this article a working model of the Hispanic in order to attune American trained physicians to the Hispanic American patients in their practices.

Some twelve million persons claimed their origin as Spanish in the March, 1978 *Current Population Survey*¹ of the Bureau of Census, excluding the inhabitants of the Commonwealth of Puerto Rico. With an almost equal number of illegal residents, according to official estimates, Hispanics constitute nine to eleven percent of this country's population. This compares with the number of black Americans.

The term, Hispanic, encompasses many different ethnic and racial groups. In the United States it includes Mexican-Americans, mostly in the Southwest (Texas, Arizona, New Mexico, Colorado, and California); Puerto Ricans, residing mainly in the Northeast (especially New York); Cubans, concentrated in the greater Miami area; and a variety of immigrants from Spain, and South and Central America.

Eighty-five percent of these families live primarily in metropolitan areas. More than one-quarter million Hispanics make their homes in Pennsylvania, 100,000 to 110,000 within the Philadelphia area. Racial composition varies from Caucasian to mulatto (mixed Negro and Caucasian), mestizo (native American and Caucasian), and any combination thereof. They have in common an idiom, Castillian, and some basic traditional attitudes rooted in the early Spanish dominion. The religion is still predominately Catholic but this is changing rapidly.

Language is the obvious barrier to adequate medical care for Hispanic Americans here, but a sensitivity to this population's needs, beliefs, and cultural predisposition toward illness

is as important. In many instances, such sensitivity can help overcome an apparently unfathomable communication gap.

Sickness

Historically, for the traditional Hispanic, illness has its roots in either physical derangements or supersensible forces. These forces include God's will, magical powers, evil spirits, powerful human forces, or emotional upsets. Organic causes are pictured, more clearly, though still not in a truly scientific way, as "hot and cold" imbalances, lack of an essential substance, obstruction, etc. This patient does not observe a sharp dichotomy between mind (or emotions) and body; the malaise of one is considered the cause of the other symptoms and vice versa.

Disease is not a personal matter, it is a family affair. Each individual represents the entire group and an ill member devaluates the household as would one rotten apple in a bushelful. This includes the extended family as well as special friends such as 'com-

padres' and 'comadres' (godparents by way of baptism, confirmation, or marriage). Recognition of the illness is not spontaneous, and involves a lengthy hesitating process which is complete only after the family and its head agree to its presence.

Even after this occurs there is great unwillingness to relinquish responsibility for the care of the patient. The family members feel as if they somehow have failed the sick individual. This misfortune is sensed as punishment, as something "brought upon." The more ominous or serious the signs and symptoms, the stronger the urge to deny and the greater the reluctance to give up control.

A diagnosis is elicited and therapy is immediately instituted, generally under the guidance of an elderly female relative. These remedies may be massages, baths, teas, and other ingestibles (e.g. mercuric swallows in cases of infantile gastroenteritis). Folk treatment may be complemented by unprescribed scientific medications, many of which will aggravate the situation. Most of these will have been accumulated through years of continued medical prescriptions in the face of poor compliance. All family members participate in the curing process with plenty of "hands on" contact. This not only provides continued reassurance to the patient but also allows the individual family member to feel that he is somehow facilitating the drainage of evil humors and the infusion of strong healthy ones.

The cure-seeking process is permeated in its totality by a religious feeling, in one form or another. For a large proportion of Hispanics, especially

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hicanos, this religion is Catholic. Advice may be asked of the local priest. Prayer is increased, perhaps with promises to saints or God. Special ceremonies may be attended.

Recently, particularly among Puerto Ricans, the protestant religions (e.g. Pentecostal, Seventh Day Adventist, and Jehovah Witness) have become the dominant faiths. These, to an even greater extent, provide social services such as counseling and rehabilitation programs to their members and to the local community.

If the patient continues to deteriorate, outside help is sought. This costs the family dearly in terms of pride, because they concede that the illness is too serious for them to manage effectively.

The preceding may describe the emotional conflicts of many ill individuals and their families, but it is important to note that in the traditional Hispanic household these feelings predominate over any material decisions. Many of the general population also will initially deny and reject external aid, though they will readily consult a medical doctor and consent to hospitalization if necessary.

The household now has the choice of consulting a traditional, local Hispanic healer or of seeking help from a scientific, and perceivably agnostic, physician. Some authors^{2, 3} have indicated that only a small proportion of Mexican-American patients with serious psychological problems had previously consulted *Curanderos*. In contrast, in the "Report of the Special Populations Subpanel on Mental Health of Hispanic Americans,"⁴ some mental health workers estimated that

up to 75 percent of their Hispanic patients had consulted *Curanderos* or *Espiritistas* before, or were using the services in conjunction with, conventional treatment.

The different data may reflect the different populations assessed. Regardless of the exact extent to which Hispanic folk healers are consulted, a discussion of these and of traditional afflictions is needed to set the cultural background.

Cultural background

Traditional Hispanic ailments can be of a physical nature (*Empacho*, *Mal Aire*, and *Caida de Mollera*) or metaphysical nature (*Susto*, *Mal de Ojo*, *Embrujo*, and *Ataques*).

Empacho (obstruction) is caused by excessive food ingestion, especially of a starchy or "heavy" nature, either because of gluttony, politeness, or force. It is most common in young children. The bolus adheres to the walls of the bowel or stomach causing an obstruction characterized by nausea, vomiting, anorexia, diarrhea, and abdominal distension. It is consistent with the diagnosis of gastroenteritis.

Mal Aire (bad air) affects a warm or overheated body and is caused by a cold wind or when one drinks too much cold water too fast. The patient may suffer back pain, muscle contraction (*spasmo*), and eventually muscle paralysis. Pneumonia or severe upper respiratory affliction may follow.

Caida de Mollera (fallen fontanel) occurs early in life when the fontanel is still soft and "moveable." A fall, observed or not, causes "dislodgement" of that part of the cranium, with depression of the fontanel and secondary

anorexia and lethargy. Signs and symptoms are consistent with those of dehydration possibly caused by excessive vomiting or diarrhea or decreased fluid intake.

Susto (fright) is caused by some unstabilizing or frightening event which sets one's spirit off in flight out of the body. This loss leaves the patient pale, listless, withdrawn, or anorexic with consequent weight loss.

Mal de Ojo (evil eye) is caused by the powerful psyche of a strong person, intentionally or not, upon a weaker being (including animals). The effect is transmitted through the eyes. Symptoms range from those similar to *Susto* to a sudden onset of aches, inconsolable weeping and fretting, high temperatures, and nausea and vomiting.

Embrujo or *Brujeria* (spell or witchcraft) symptoms include tiredness, insomnia, and restlessness. A patient may do, or have the urge to do, something which he knows is not right or proper.

Ataques or the 'Puerto Rican Syndrome' is a form of hysterical reaction conditioned by the culture. It is characterized by hyperkinetic seizures in response to acute stress and anxiety.

The latter four are thought to affect children and females to a greater extent than adult males. They originate in the symptomatology of depression, anxiety, hysteria, and other psychological disturbances. The first three ailments, on the other hand, have a more direct physical basis.

Traditional healers also are classified according to their orientation to disease. Those who believe that disease has a supernatural basis are the

Santeros, Spiritistas, and Curanderos. Those who treat on the premise of an organic etiology are the *Herbalists* and *Santiguadores*. No clear dividing line separates the categories.

Santiguadores are common in Puerto Rican culture and are analogous to chiropractors. They are adept at manipulations that directly bring about cures of various chronic and intestinal diseases, and some orthopedic problems.

Herbalists predominate in all Hispanic folklore. As the name indicates, they treat illnesses with concoctions of herbs. Generally *Santeros, Curanderos, and Spiritistas* possess these skills but also function in broader roles which not only involve healing, but also religious rites.

Santeros are popular in Cuban and Puerto Rican populations. Illness is believed to be the result of magic, loss of one's soul, spiritual intrusion, or anger of the gods. It is a fusion of Yoruban (African) religious beliefs and Catholicism.

The *Curandero* is the most common Mexican folk healer. The root of his power resides in the Spanish church. He brings about cures by restoring the patient to harmony with God, the church, and his fellow men.

Spiritistas (mediums) are found largely in the Puerto Rican culture. Their power is based on the belief that we are surrounded by good and evil spirits, the latter producing illness upon possession or intrusion of a person. Cure is brought about through bargaining sessions with the spirit (seances) or exorcism.

Folk healing

It is interesting to note that all forms of folk healing have various factors in common:⁵

- Both healer and patient share similar expectations and have mutually active roles in the therapeutic process.

- Folk healers have unquestioned power and authority, and are expected to bring about cures in a relatively short period of time.

- The extensive use of suggestion and hypnosis is an important element.

- A common idiom is essential and allows for a naming process which provides the patient with answers and

images of the disease and cure process.

By the time the patient arrives in the physician's office, the extensive process of traditional diagnosis and treatment has created certain expectations. These may be hard to satisfy, especially if the physician does not take the time to discuss them.

But still, would a rational person prefer the care of an overzealous grandmother or a faith healer to that of a physician with proven effective results?

The assertion of "proven results" is based on an understanding of the experimental or statistical data analyzed and a belief in the medical system. This faith has its roots in upbringing, tradition, and an established set of priorities. The typical Hispanic will trust the judgment and opinion of his family above that of a stranger, the agnostic, anglo physician. His family, in an effort to make up for past failures, will seek home traditional healing systems.

Efficacy of therapy is also a dependent term, this time on the results desired. The Hispanic population in the United States is subject to many high stress indicators such as language barrier, minimal political influence, low socioeconomic status, and either initial or seasonal immigration. Since most Hispanics are in some phase of culture shock, they sense a total loss of control over their environment.

Interestingly enough these stresses, as pointed out by Poma,⁹ have more impact on the women and children who remain at home. The men are somehow partially shielded by the challenge and opportunity of improving and meeting new people and seeing new places. The folk ailments thus tend to occur in individuals at increased psychological risk, providing them with a socially acceptable excuse for the manifestations of neurosis and eventual catharsis. Traditional healing by maintaining the cure process within the realm of the patient's environment and control may be the most effective treatment in many cases.

It is uncertain to what extent Hispanics use folk healers as their sole deliverers of health care outside the home. Traditional home remedies and, to a much lesser extent, religious organizations, are undoubtedly the first and major sources of assistance.

Studies indicate that the next source of help, especially for their stress induced psychological problems seems to be the anglo primary care physician.² The ability of the family practitioner to provide emotional therapy probably stems from the Hispanic's holistic concept of health (what is good for the body has to be good for the soul).

Anglo healing

The preference for a culturally distant individual partially arises from an active rebellion of the Hispanic youth against the culture of their fathers, from the lack of Hispanic medical role models in the community, and simply from a severe shortage of ethnic professionals.

The physician's lack of understanding of the cultural background, alternative sources of treatment and emotional needs of these patients deters compliance and patient-doctor rapport. Thus the physician will perceive in this patient population an inordinate number of emotional and psychosomatic complaints. This, aggravated by the tendency of the Hispanic to cope by dramatizing, may make him an ungratifying patient for the practitioner more interested in 'blood and guts' medicine.

Hospitals, to Hispanic people, are places where the sick go to die. The patient is isolated. Family visits are restricted to certain hours, to small numbers (31 percent of all Hispanic families have 5 or more members) and to children over 16 (26 percent of this population is under 16). Even an accessory support relationship is difficult to establish due to hospital staff changes.

Privacy and decency are repeatedly violated while demanding that husband, mother, or friend step outside. An array of impersonal procedures is performed in which the patient is a passive object. Consents are requested without the proper explanations to the patient and to the immediate family members.

Doctors are recognized by their white coats but respiratory and x-ray technicians, and dieticians wear white, too. The opinions of such ancillary personnel in Spanish will have more impact than those of the physician in English. The house staff ar-

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ives mumbling unintelligibly among themselves as if the patient were deaf. What else can they be discussing but his horrible destiny? We often forget that not to speak does not imply a lack of comprehension, and that not to comprehend does not prevent the patient from arriving at his own conclusions.

In an attempt to overcome the communication barrier, an interpreter is produced. Even though most translators are not medically trained, they often become the principal interviewer. If the physician makes no attempt to retain control of the interview by uttering a few Spanish phrases and by maintaining eye contact during translation, he can be assured of losing the patient's attention, and ultimately compliance.

Another problem arises when the interpreter is a Hispanic who has ascended the socioeconomic ladder and thus may be disdainful of and embarrassed by the traditional beliefs. This sometimes makes communication impossible. Since most patients know more English than they indicate, it is safer to communicate via

gestures and occasional words than to be mistranslated.

Conclusion

It is important to note that this population's racial heterogeneity, lack of unerasable uniting factors, low socioeconomic level, relatively recent introduction into our society, and large proportion of illegal residents all contribute to a minimal political influence. This state of political irrelevance produces a sensation of legal insecurity — after all, no Congressman will know and no lawyer will sue.

Hispanics consider it rude and unnecessary to disagree with or confront an authority figure. It is much safer to remain silent (especially if the physician expects you to be deaf and dumb). This avoidance of conflict, and the feeling of political irrelevance, are aggravated by the inability of the physician and the patient to communicate. Often, these are roots of the patient's poor compliance despite the apparent lack of disagreement with therapy plans.

Finally, especially since this ethnic group has varied ages, degrees of ac-

culturalization, economic levels, etc., it is important not to establish a stereotype but rather to seek to provide each individual with psychological as well as physical comfort in the context of his culture. □

REFERENCES

1. United States Bureau of the Census, *Current Population Reports*, Series P-20, No. 339, "Persons of Spanish origin in the United States: 1978," United States Government Printing Office, Washington, D.C., 1979.
2. Acosta, F.X.: Barriers between mental health services and Mexican Americans: an examination of a paradox. *Am J Comm Psych* 7:503-520, 1979.
3. Edgerton, R.B., Karno, M., Fernandez, I.: Curanderismo in the metropolis. *Am J Psychotherapy* 21:124-134, 1970.
4. The President's Commission on Mental Health, Volume 3, "Report of the Special Populations Subpanel on Mental Health of Hispanic Americans: February 15, 1978," U.S. Government Printing Office, Washington, D.C., 1978.
5. Delgado, M.: Folk medicine in the Puerto Rican culture. *Int Social Work* 21:46-54, 1978.
6. Delgado, M.: Therapy Latino style: implications for psychiatric care. *Perspec Psych Care* 17:107-113, 1979.
7. Bruhn, J.G., Fuentes, R.G.: Psychiatry in the Hispanic American. *Psych Annals* 7:608-613, 1977.
8. Badillo, Ghabi, S.: Culture sensitivity and the Puerto Rican client. *Social Case Work* 58:459-468, 1977.
9. Poma, P.A.: Hispanos III. *Med J* 156:451-458, 1979.
10. Smith, L.K.: "Mexican American views of Anglo medical and dietetic practices." *J Am Diet Assoc* 74:463-464, 1979.

Goodwill registry valuates medical practices

Leif C. Beck, LL.B., CPBC
Geoffrey T. Anders, JD, CPA

Medical practices increasingly are being valued for "commercial" reasons. Despite some physicians' reluctance to consider this view, such valuations are prevalent and they often focus on a practice's so-called "goodwill." This is the capacity of a business to continue earning income even if it is assumed by a new owner or owners.

The need for such valuation arises in many circumstances:

1. More solo practices are being "sold" to successor doctors as the seniors build up their patient followings and then retire from practice at various ages.

2. Negotiations to bring in new doctors as employees and thereafter as "partners" are increasingly considering pre-existing practice values to determine fair terms.

3. In more and more states, the value of a doctor's practice is becoming an issue in divorce and support proceedings. Pennsylvania's new Divorce Code includes this concept, called "equitable distribution," so that physicians in our state may be faced directly with a value dispute in working out marital settlements.

4. Estate planning more often includes considerations of a doctor's practice value and how it can be both measured and realized in case of death.

5. Practice values are increasingly being recognized as valid items to include on doctors' personal financial statements to justify bank borrowing and other creditworthiness.

Practice value

The increasing supply of physicians appears to be causing real upward pressure on medical practice values, a situation forcefully described recently (See "How is the doctor supply affecting inter-doctor arrangements?",

Pennsylvania Medicine, June 1980 and "Hard times ahead for physicians?", by Robert Hendrickson, *AMA News*, July 25, 1980). This trend will probably continue so that the question of practice value will continue to grow in importance. Dental and other health-related professions have a history of goodwill valuation and show recent dramatic increases in value. That history presages a likely similar experience for physicians.

A medical practice will have at least three types of assets to be considered in any comprehensive valuation: tangible assets (equipment, furnishings, etc.), accounts receivable, and the intangible (goodwill) capacity to generate continued income. Only the third item — the goodwill — presents difficulty. It requires subjective weighing of many factors including the general supply/demand effects on the specialty or subspecialty; doctors' perceptions of their specialty's or subspecialty's future; the general economy; variations in all the factors from location to location; and many considerations unique to the specific practice in question.

Neither a practice's goodwill value nor the concept of selling a practice affects patients' freedom to choose their own physicians. A physician cannot "sell" patients to another doctor. On the contrary, a retiring physician arranging for the orderly continuation of his practice provides a service to his patients. These patients, nonetheless, may have their care assumed by and their records transferred to whomever they choose. A young, "buying" physician may be persuaded to assume an office and its on-

The authors are the principal consultants for Management Consulting for Professionals, Inc., Bala Cynwyd.

going practice as patients should wish if he is aware of the economic importance of the goodwill.

Goodwill registry

Recognizing the increasing need to determine this intangible value for physicians as well as the vagaries of the valuation effort, we have recently created a cooperative, nonprofit Goodwill Registry. It is offered as a service to physicians. It is a clearinghouse of actual goodwill valuation experiences. Its participants are attorneys, accountants, consultants, and other medical practice advisors, and we hope our physician-readers will urge their advisors to participate.

Any medical practice advisor may become a participant at no cost by contacting "The Goodwill Registry", 403 GSB Building, Bala Cynwyd, PA 19004. Participants then will be expected to report (on forms provided) each encountered valuation experience. The registry will collect, categorize, and evaluate all such reports and provide participants with copies of all reported valuation incidents affecting specific physician client situations before them.

The reports will protect the identity of both the participating advisors and the medical practices involved. They will be provided at no cost. We plan to summarize the report experiences approximately twice a year for the benefit of all participants and for publication in appropriate journals.

The Goodwill Registry's usefulness to physicians will depend primarily upon the number of incidents reported. Since the question of value is increasingly affecting physicians, especially as to the new divorce law and the many practice "sales," we urge all doctors to call their advisors' attention to the registry. □



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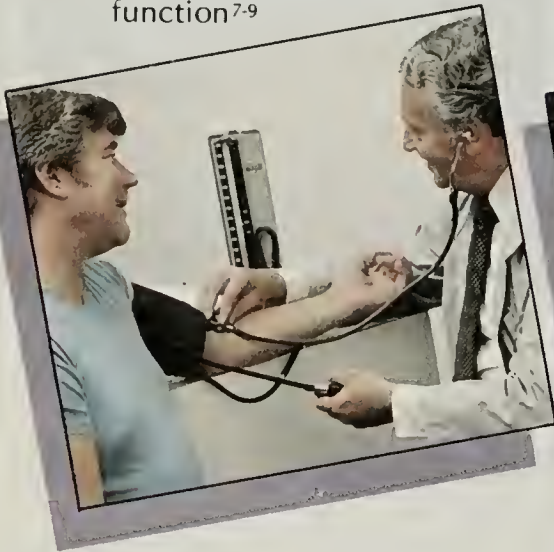
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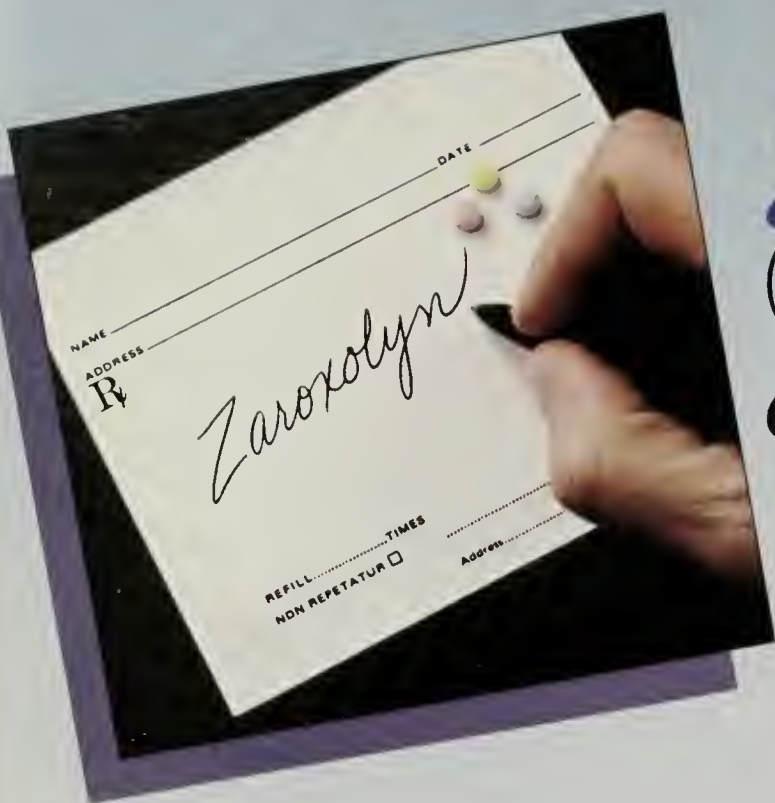
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depletion. Caution should be observed when administering to patients with gout or hyperuricemia or those with severely impaired renal function. Insulin requirements may be affected in diabetics. Hyperglycemia and glycosuria may occur in latent diabetes. Chloride deficit and hypochloremic alkalosis may occur. Orthostatic hypotension may occur. Dilutional hyponatremia may occur. Zaroxolyn 10 mg tablets contain FD&C Yellow No. 5 (tartrazine) which may cause allergic-type reactions (including bronchial asthma) in certain susceptible individuals. Although the overall incidence of FD&C Yellow No. 5 (tartrazine) sensitivity in the general population is low, it is frequently seen in patients who also have aspirin sensitivity. **Adverse Reactions:** Constipation, nausea, vomiting, anorexia, diarrhea, bloating, epigastric distress, intrahepatic cholestatic jaundice, hepatitis, syncope, dizziness, drowsiness, vertigo, headache, orthostatic hypotension, excessive volume depletion, hemoconcentration, venous thrombosis, palpitation, chest pain, leukopenia, urticaria, other skin rashes, dryness of mouth, hypokalemia, hyponatremia, hypochloremia, hypochloremic alkalosis, hyperuricemia, hyperglycemia, glycosuria, raised BUN or creatinine, fatigue, muscle cramps or spasm, weakness, restlessness, chills, and acute gouty attacks. **Usual Initial Once-Daily Dosages:** mild to moderate essential hypertension—2½ to 5 mg; edema of cardiac failure—5 to 10 mg; edema of renal disease—5 to 20 mg. Dosage adjustment is usually necessary during the course of therapy. **How Supplied:** Tablets, 2½, 5 and 10 mg.

References: 1. Data on file, Medical Department, Pennwalt Pharmaceutical Division. 2. Sambhi MP, Eggens P, Barrett JD, et al: A crossover comparison of the effects of metolazone and hydrochlorothiazide therapy on blood pressure and renin angiotensin system in patients with essential hypertension, in Sambhi MP (ed): *Systemic Effects of Antihypertensive Agents*. New York, Stratton, 1976, pp 221-245. 3. Pilewski RM, Scheib ET, Misage JR, et al: Technique of controlled drug assay in hypertension: V. Comparison of hydrochlorothiazide with a new quinethazone diuretic, metolazone. *Clin Pharmacol Ther* 12:843-848, 1971. 4. Fotiu S, Mroczek WJ, Davidov M, et al: Antihypertensive efficacy of metolazone. *Clin Pharmacol Ther* 16:318-321, 1974. 5. Cangiano JL: Effects of prolonged administration of metolazone in the treatment of essential hypertension. *Current Therapeutic Research* 20:745-750, 1976. 6. Dornfeld L, Kane RE: Metolazone in essential hypertension: The long-term clinical efficacy of a new diuretic. *Current Therapeutic Research* 18:527-533, 1975. 7. Puschett JB: Physiologic basis for the use of new and older diuretics in congestive heart failure. *Cardiovascular Medicine* 2:119-134, 1977. 8. Craswell PW, Ezzat E, Kopstein J, et al: Use of metolazone, a new diuretic, in patients with renal disease. *Nephron* 12:63-73, 1973. 9. Bennett WM, Porter GA: Efficacy and safety of metolazone in renal failure and the nephrotic syndrome. *J Clin Pharmacol* 13:357-364, 1973. 10. *Drug Topics Red Book* 1981, and manufacturers' suggested prices.

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obituaries

• Indicates PMS membership at time of death.

• **Wilbur D. Anders**, North Wales; Temple University School of Medicine, 1939; age 74, died April 5, 1981. Dr. Anders, a family physician in North Wales for more than 40 years, was a past president of Montgomery County Medical Society.

• **Bernard M. Axelrod**, King of Prussia; Jefferson Medical College, 1937; age 69, died April 15, 1981. Dr. Axelrod worked for the Veterans Administration and practiced in the Philadelphia area for 43 years.

• **Henry E. Bacon**, Haverford; Temple University School of Medicine, 1925; age 80, died May 12, 1981. Dr. Bacon was professor and head of the rectal surgery department at Temple University Medical Center. He was decorated by eight governments and received 69 honorary surgical fellowship degrees.

• **William Chesler**, Wyncote; Temple University School of Medicine, 1937; age 67, died May 15, 1981. Dr. Chesler practiced family medicine in Philadelphia for 40 years.

• **Ping-Chang Chung**, Quakertown; Taiwan University School of Medicine, 1959; age 46, died May 10, 1981. Dr. Chung was an obstetrician and gynecologist in private practice in Quakertown.

• **Quentin R. Conwell**, Bristol; Hahnemann Medical College, 1945; age 61, died March 28, 1981.

• **George Franklin Cormeny**, Wynnewood; Tufts University School of Medicine, 1931; age 78, died April 30, 1981. Dr. Cormeny was a West Philadelphia internist who specialized in problems of arthritis. He was on the medical staff at Presbyterian-University of Pennsylvania Medical Center.

• **Calvin S. Drayer**, Bryn Mawr; Washington University School of Medicine, St. Louis, 1931; age 74, died May 2, 1981. Dr. Drayer was a psychiatrist and neurologist on the staff of the Institute of Pennsylvania Hospital.

• **Edward K. Farmer**, McKees Rocks; Des Moines College of Osteopathic Medicine, 1957; age 63, died May 9, 1981. Dr. Farmer was an obstetrician and surgeon on the staffs of Ohio Valley and West Allegheny General hospitals.

• **Dale W. Garber**, Mt. Joy; Jefferson Medical College, 1924; age 84, died May 25, 1981. Dr. Garber was a co-founder of Delaware County Community Hospital and a recent recipient of Lebanon Valley College's Distinguished Alumnus Award.

• **James D. Kelly**, Pittsburgh; University of Pittsburgh School of Medicine, 1951; age 57, died May 12, 1981. Dr. Kelly was assistant medical director of the Harmarville Rehabilitation Center.

• **Paul McCloskey**, Johnstown; University of Pennsylvania, 1927; age 79, died May 14, 1981. Dr. McCloskey was a past chief of ophthalmology and otolaryngology at Mercy Hospital.

• **Frank Hammond Sivitz**, Elkins Park; Temple University School of Medicine, 1963; age 42, died April 18, 1981.

• **Maurice Sones**, Philadelphia; Temple University School of Medicine, 1936; age 70, died May 20, 1981. Dr. Sones was professor of clinical medicine at the Medical College of Pennsylvania.

• **Rachel M. Winlock**, Philadelphia; University of Pennsylvania School of Medicine, 1928; age 86, died April 30, 1981.

• **Henryk Wojcicki**, Kingston; Medical University in Wroclaw, Poland, 1963; age 45, died April 17, 1981. Dr. Wojcicki was an obstetrician and gynecologist in private practice in Kingston.

Charles Breedis, Drexel Hill; Cornell University Medical School, 1942; age 69, died April 24, 1981. Dr. Breedis was a pathologist and cancer researcher at the University of Pennsylvania.

James J. Harris, Boston, MA; Temple University School of Medicine, 1935; age 70, died May 14, 1981. Dr. Harris had been chairman of the utilization, record, and audit department at McKeesport Hospital.

Gordon A. Kagen, Hilton Head Island, SC; University of Maryland School of Medicine, 1937; age 69, died April 27, 1981. Dr. Kagen had been chief of pediatrics at St. Joseph and Community General hospitals in Reading.

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physicians in the news

Arthur B. Tarrow, MD, recently was appointed consultant to the Surgeon General of the U.S. Air Force. Dr. Tarrow is professor of anesthesiology at Jefferson Medical College and will serve his appointment in the fields of anesthesiology and operating room hazards.

The American Geriatrics Society recently honored **Robert Austrian, MD**, with its Willard O. Thompson award for contributions to geriatric medicine, primarily his work on pneumonia. Dr. Austrian is chairman of the research medicine department at the University of Pennsylvania School of Medicine.

Washington and Jefferson College recently awarded **Lewis W. Bluemle, Jr., MD**, an honorary Doctor of Humane Letters degree. Dr. Bluemle is president of Thomas Jefferson University.

The Medical Alumni Association of Saint Joseph's University, Philadelphia, recently honored **Francis E. Rosato, MD**, of Gladwyne, with its 1981 Shaffrey Award. Dr. Rosato holds the Samuel D. Gross Professorship of Surgery and is chairman of the surgery department at Jefferson Medical College.

H. Dean Belk, MD, of Pittsburgh, recently took office as president of the American Occupational Medical Association. Dr. Belk is corporate medical director of the Aluminum Company of America.

Ted C. Schaffer, MD, recently received a Mead Johnson Award for Graduate Education in Family Practice from the American Academy of Family Physicians. He currently is a family practice resident at St. Margaret Memorial Hospital, Pittsburgh.

W. Clair Merriman, MD, recently received the Geneva College Alumni Association's Life "G" award. Dr. Merriman, a retired pediatrician in Beaver Falls, is a member of the board of the American Academy of Pediatrics.

Perry County Medical Society recently awarded **Blaine F. Bartho, MD**, a certificate of recognition for his 50 years of service. Dr. Bartho is a Landisburg family physician.

Thomas V. DiSilvio, MD, recently was elected president of the Pennsylvania Association of Clinical Pathologists. Dr. DiSilvio is co-director of Clinical Laboratories, Inc. and a member of Pathology Associates of Northeastern Pennsylvania. Other officers are: **Jeanne Cooper, MD**, vice president; and **John P. Whiteley, MD**, secretary treasurer.

Jack Strassman, MD, recently was chosen Physician of the Year for 1980 by the President's Committee on Employment of the Handicapped. Dr. Strassman is a general practitioner in Altoona and a medical consultant to the Altoona Office of the Visually Handicapped and the state Bureau of Vocational Rehabilitation. He was named state Physician of the Year by the Governor's Committee on Employment of the Handicapped.

The Pennsylvania State Board of Medical Education and Licensure recently cited **Philip E. Ingaglio, MD**, for his leadership as board chairman from 1978 to 1981. Dr. Ingaglio was designated chairman emeritus to the board. He is chairman of the general practice department at Saint Agnes Medical Center.

John A. Waldhausen, MD, recently was elected secretary of the American College of Cardiology. Dr. Waldhausen is professor and chairman of the surgery department at Hershey Medical Center.

The National Board of Medical Examiners recently announced the appointment of **Paul C. Brucker, MD**, as a member of its Part II Preventive Medicine and Public Health Test Committee. Dr. Brucker is professor and chairman of the family medicine department at Jefferson Medical College.

The Catholic Philopatrian Literary Institute recently honored **Joseph M. Gambescia, MD**, of Bala Cynwyd, with its 1981 Sourin Award for distinguished achievements. Dr. Gambescia is director of medicine at Saint Agnes Medical Center.

The Pennsylvania Chapter, American College of Emergency Physicians recently re-elected **John R. Paluso, MD**, of Washington, president. Other officers are: **Elizabeth G. Sevin, MD**, vice president; **William O. Robinson, MD**, secretary; **Jesse A. Weigel, MD**, treasurer; and **John W. Becher, DO**, member-at-large. **Carlos H. Castellon-Vogel, MD**, was elected to the board of directors.

Doris G. Bartuska, MD, recently received the 1981 Award of the Commonwealth Board of the Medical College of Pennsylvania. Dr. Bartuska is professor of medicine at MCP, director of its health management center, and chief of its endocrinology and metabolism division.

Stuart W. Dittmar, MD, recently was elected to life membership in the American Academy of Family Physicians. Dr. Dittmar is a member of the medical staff of Chambersburg Hospital.

Albright College recently presented **Joseph E. Gable, MD**, with its Founders Award. Dr. Gable served as medical director and team physician for Albright for more than 34 years.

G. Paul Moser, MD, recently received a Bachelor of Science degree from Lebanon Valley College. Dr. Moser, an ear, nose, and throat specialist in Bloomsburg, had earned the degree in 1928, his first year at Jefferson Medical College.

Warren W. Brubaker, MD, recently was elected to the board of directors of the American Occupational Medical Association and appointed to its Scientific Affairs Committee. Dr. Brubaker is corporate medical director of Hershey Foods Corporation.



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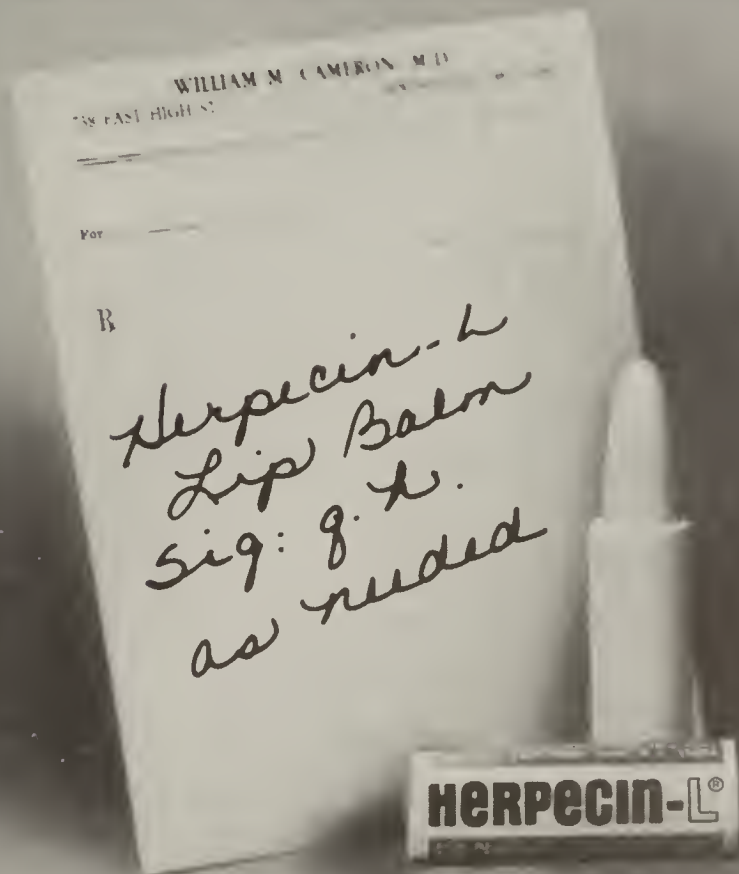
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practice management

Estate planning for the senior physician

Leif C. Beck, LL.B., CPBC
Geoffrey T. Anders, JD, CPA
Suzanne L. Wolfson, JD
Vasilios J. Kalogredis, JD, CPBC

Many physicians approaching age 65 have amassed fairly substantial estates without realizing it because they do not feel rich. When life insurance and retirement plan benefits are taken into account, however, a physician's "worth" may be very substantial, especially from an estate tax standpoint.

This article summarizes some of the important reasons for the senior physician to make certain that his estate plan is up to date; it also outlines some suggestions which should enter into that planning.

Updating regularly

Every estate plan should be evaluated every few years. One reason is to cope with changes in the tax law. For example, the Tax Reform Act of 1976 introduced sweeping changes in the estate and gift tax area, necessitating review of all but the simplest estate plans.

Furthermore, from the senior physician's standpoint there are frequently changes in circumstances which make such a review necessary. Marital status may change; the individual needs of children may be altered drastically; or the physician may retire in a state where the estate laws differ from the law in his home.

Coordinating the physician's estate plan with that of his spouse is important, too. For example, a physician's spouse may accumulate a substantial personal estate and a simple will leaving everything to the physician may not be desirable from an estate tax standpoint. In such a case the spouse might consider creating a trust for the doctor's benefit. Such a trust could provide income to the physician for life and could give limited access to the principal of the trust without causing that principal to be included in the physician's estate.

It is also important to make certain that related documents are coordinated with the physician's will and any associated trust instruments. In most instances, it will be desirable to designate the physician's trust as the beneficiary of retirement plan benefits.

Marital and family trusts

The typical senior physician will have an estate plan providing for a marital trust and a family trust (sometimes referred to as a non-marital or residuary trust). One major reason for such an arrangement is to minimize the total federal estate taxes in the estate of *both* doctor and spouse.

When properly implemented, this arrangement will cause the dollars in the marital trust to be excluded from the physician's estate and included in the estate of the surviving spouse. On the other hand, the principal of the family trust will be included in the physician's estate, but not in the spouse's estate. Thus the desired effect is that the assets will be taxed only once.

Without this arrangement, the physician leaving all of his assets to his spouse could exclude only that portion of the estate which qualified for the marital deduction (the greater of \$250,000 or 50 percent of the estate). All of the assets (other than the first \$175,000 which are exempt) would be taxed in his spouse's estate.

The family trust can be drafted to give the surviving spouse the income and some access to the principal. The

most common arrangement is to permit the trustee to use the principal for the spouse's maintenance, health, and support, and also to give the spouse the right to withdraw the greater of \$5,000 or 5 percent of the principal annually.

Another advantage of the family trust is that it enables the assets to be held in trust for the physician's children upon the death of both parents. In such an arrangement, the physician can control the ages at which the children receive principal from the trust.

Thus the so-called marital-family trust arrangement can achieve both the goals of minimizing taxes and of providing for flexibility in meeting family needs.

Although most senior physicians do not have children who are considered minors, physicians should be aware that the 1976 Tax Reform Act included a provision for a so-called "Orphan's Exclusion." The law allows a deduction (in the estate of the second parent to die) for qualifying gifts to children under 21. The maximum deduction for each child is \$5,000 times the number of years the child is under 21. These gifts are typically made in trust, as part of the document creating the marital and family trusts.

Flexibility and liquidity

It is important, from a tax planning standpoint, to have some assets in the individual names of the physician and spouse, and to designate the trust as beneficiary of insurance and plan benefits.

Some assets should be held in joint names. For example, it is desirable to have the principal residence in joint names so that the surviving spouse will not have a trustee as landlord. Also, a small amount of life insurance might be made payable directly to the

Mr. Beck, Mr. Anders, and Mrs. Wolfson are the principal consultant/attorneys for Management Consulting for Professionals, Inc., Bala Cynwyd. Mr. Kalogredis is the principal consultant/attorney for Professional Practice Consulting, Inc., Wayne.

surviving spouse so that those assets are immediately available.

It is possible to have a substantial estate which is illiquid. If most of the assets consist of property, the executors of the physician's estate may find themselves in a cash bind. Part of any estate planning should include an analysis of the projected death taxes, and a decision as to whether that cost can be met easily out of estate assets. Even if taxes do not cause a liquidity crunch, the income needs of the surviving spouse and children may. If the estate consists largely of unproductive property, meeting the family's living needs immediately after the physician's death may be difficult.

Life insurance

One question frequently asked is, "How much life insurance do I need?" Obviously, there is no right answer to this question but there are some guidelines which may be helpful to the senior physician.

A physician should carry life insurance to provide funds to educate his children if he dies before accumulating a fund (such as his pension and/or profit sharing plan) sufficient for that purpose. As retirement plan benefits grow and families mature, it may be prudent to drop some life insurance coverage. Purchasing decreasing term insurance can effect this cut back.

In many instances it is wise for a physician to carry term life insurance on his wife's life while their children are very young. This enables the physician to hire a housekeeper to care for young children upon his wife's death. Once a senior physician's children have become reasonably self sufficient, however, such care and, therefore, such insurance, becomes superfluous. At that stage the necessity for that insurance (which may be expensive to carry) should be re-evaluated.

As mentioned previously, one consideration in deciding on the amount of life insurance is the need for estate liquidity upon the physician's death. It may be undesirable to sell illiquid assets at the time funds are needed.

Even in a highly liquid estate, if the physician has a strong desire to leave his estate "intact" to his heirs, life insurance may be purchased to pay the death taxes. Obviously, the physician

must weigh the benefits of buying the additional insurance against the investment of the premium dollars in assets which can be sold at death to pay those taxes.

In these inflationary times it is particularly important to evaluate regularly one's insurance planning. The cost of living as projected years ago when the physician just entered practice can be totally unrealistic today.

Bank as executor trustee

Another common question is, "Do I need a bank as executor or trustee?" The answer is, "It depends!"

One advantage of a corporate trustee is that the institution has greater continuity than any individual. Secondly, banks have trust departments equipped to do the book-keeping involved. On the other hand, banks charge substantial fees for these services and are traditionally very conservative investors.

In some circumstances, it may be advisable to appoint only individual trustees. When persons with some financial experience and with the time, interest, and energy to devote to the task are available, a physician may be well advised to appoint them as executors and trustees.

Generally executors and trustees (both corporate and individual) retain attorneys to prepare the papers for probate and court accountings, as well as estate and trust tax returns. Thus, an individual appointee would not be alone during the administration of the estate and trust.

A spouse who is the principal beneficiary of a family trust should not serve as the *sole* trustee. When a spouse is given unbridled discretion over the fund, the fund is included in the estate and thus defeats the purpose of the plan. For tax as well as practical purposes, a spouse should have a co-trustee.

It is desirable, however, for a spouse to serve as *one* of the trustees. This provides the spouse with an opportunity to participate in decisions affecting her financial situation. The senior physician may also consider making children who are adults (over age 18 in Pennsylvania) co-trustees of their individual trusts.

Thus, whether or not a bank is appointed as a fiduciary depends on the

available alternatives. Keep in mind, too, that, although the trustee's function is an ongoing one which may extend over a long time period, the executor's job in an uncomplicated estate will end in a relatively short time. It may be appropriate to name a bank as a co-trustee, but not as a co-executor. Many banks, if they are appointed trustees, encourage individuals to name them as executors as well. It is easier for them to manage affairs when they come on the scene as early as possible. It is not necessary, however, to arrange an estate plan in that fashion.

Widow or widower's file

One crucial aspect of an estate plan is keeping records. The proper individuals must know the location of the original will, the keys to any safe deposit boxes, life insurance policies, deeds, and titles. This knowledge is essential.

Another aspect of this phase of the planning is to include recommendations as to what should be done with various assets of the estate. For example, a particular suggestion for the disposition of professional practice might be indicated in a letter left with the will. Since a timely sale is important in preserving the value of the practice as a going entity, such instructions may mean the difference between receiving a substantial value for practice "goodwill" and just disposing of the hard assets. Thus it would be well for the physician to take the time to think about what he would do if he were disposing of his own estate.

Conclusion

This article has highlighted only some of the major considerations in estate planning for the senior physician. Each individual's plan should be tailored to meet his own circumstances and desires. No matter what size the estate, nor the personal preferences of the doctor towards disposition, it is clearly important to review an estate plan on a regular basis, particularly when the doctor approaches the later years of his career. Such planning should not stop with the drafting of a will and a trust, but should involve bringing every related document into line with the overall plan. □



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Case report

Papillary carcinoma in recurrent thyroglossal duct cyst

George L. Jackson, MD

Thyroid cancer arising in a thyroglossal duct cyst is unusual. Its association with cancer within the thyroid gland is even more unexpected. This case report documents such a combination.

Case report

A 21-year-old woman developed a recurrent thyroglossal duct cyst. At age 2½ years an initial attempt had been made at surgical removal. The recurrent lesion measured 2 x 1½ x 0.5 cm and was located at the level of the hyoid bone. The cystic lesion which was removed contained a papillary carcinoma infiltrating the cyst wall. Many psammoma bodies were present in the tumor but angioinvasion was not seen. The thyroid gland was judged to be normal by inspection at the time of surgery, by physical examination, and by radionuclide scan. The patient gave no history of therapeutic irradiation.

Six years later, the patient returned with a 1½ x 1 cm, firm, well outlined, easily movable left thyroid mass. There was no associated adenopathy. Thyroid scan revealed a nonfunctioning area located inferiorly and posteriorly in the lower pole of the left lobe.

The nodule was excised and a "total thyroidectomy" was done. The nodule was discrete and composed of papillary adenomatous structure with degenerative changes in nuclei, occasional psammoma bodies, and focal capsular invasion. A diagnosis of well differ-

entiated papillary adenocarcinoma of the thyroid was made. No angioinvasion was found. Histologically the tumor closely resembled the tumor in the thyroglossal duct cyst.

Postoperatively the patient received 156 mCi 131-I as sodium iodide. Three months later, because of a persistent 131-I accumulation in the neck, an additional 150 mCi 131-I was administered. From these two treatments, the whole body radiation dose was calculated to be 32 rads and the radiation dose to the blood 52 rads.

Thyroid replacement therapy with triiodothyronine 75 mcg daily was used. Serum TSH levels had been within normal range. Thyroglobulin (measured by radioimmunoassay) obtained prior to the second treatment dose with radioiodine was 4.2 ng/ml (BioScience Laboratory normal value up to 50 ng/ml). No evidence of persistent disease was detected 28 months after thyroidectomy.

Discussion

Less than 100 patients with thyroid cancer in a thyroglossal duct have been reported. From this literature we have identified 24 patients whose treatment included thyroidectomy.¹⁻¹⁰ Four of these 24 (17 percent) also had epithelial cancer of the thyroid gland. One patient had a squamous cell carcinoma of the thyroid gland.⁵ Of the

four epithelial carcinomas, three are described as microscopic and one as focal.

Our patient is the only one in whom the thyroid cancer is judged to be clinically significant and in whom aggressive surgical and radiation therapy was warranted. Since long term followup of this disease is lacking, it is probable that additional intrathyroidal cancers may be reported. This single observation could lend support to the suggestion that thyroid cancer in the thyroglossal duct is metastatic from an intrathyroidal primary site. □

REFERENCES

1. Bottsford, J.E. Jr., Weir, A.F.: Papillary adenocarcinoma of a thyroglossal duct cyst. *South Med J* 70:1239-1240, 1977.
2. Hans, S.S., Lee, P.T., Proctor, B.: Carcinoma arising in thyroglossal duct remnants. *Am Surgeon* 42:773-777, 1976.
3. Jacques, D.A., Chambers, R.C., Oertel, J.E.: Thyroglossal tract carcinoma. *Am J Surg* 120:439-446, 1970.
4. LiVolsi, V.A., Perzin, K.H., Savétsky, L.: Carcinoma arising in median ectopic thyroid (including thyroglossal duct tissue.) *Cancer* 34:1303-1315, 1974.
5. Mobini, J., Krouse, T.B., Klinghoffer, J.D.: Squamous cell carcinoma arising in thyroglossal duct cyst. *Am Surgeon* 40:290-294, 1974.
6. Nathanson, S.: Carcinoma in thyroglossal duct cysts - a review. *Tr Am Acad Oph & Otol* 82:571-575, 1976.
7. Page, C.P., Kemmerer, W.T., Haff, R.C., Mazzaferri, E.L.: Thyroid carcinoma arising in thyroglossal ducts. *Ann Surg* 18:799-802, 1974.
8. Saharia, P.C.: Carcinoma arising in thyroglossal duct remnant: case reports and review of the literature. *Br J Surg* 62:689-691, 1975.
9. Trail, M.L., Zeringue, G.P., Chicola, J.P.: Carcinoma in thyroglossal duct remnants. *The Laryngoscope* 87:1685-1691, 1977.
10. Widstrom, A., Magnusson, P., Hallberg, O., Hellquist, H., Riber, H.: Adenocarcinoma originating in the thyroglossal duct. *Ann Otol* 85:286-290, 1976.

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A NEW ADMINISTRATION -- A NEW CHALLENGE

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THE IMPORTANT CHALLENGES AND
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This is the third in a series of reports on major issues facing the medical profession. The purpose is to inform physicians and medical students on what the AMA is doing, on behalf of the profession and the public, to influence decisions that will affect health care in the next decade and beyond.

The conservative swing in the 1980 federal elections is bound to change the perspective on major health-care issues—in Congress as well as in the Administration. BUT . . . the issues will persist, and their disposition cannot be taken for granted.

So for you as a physician or medical student, what happens in the nation's capital will remain an urgent concern.

Cost of care will remain a key issue, and a pervasive one. Industry and business—which bulk large in the conservative constituency—are up in arms over the cost rise in employee health benefits.

While the conservative credo is anti-regulation, there's this to consider: If taxes are to be cut (as promised) and defense spending is to be increased (as promised), any balancing of the federal budget (as promised) could demand cost controls on health programs.

Here are some other matters to think about:

- *Funding for HHS*—the Department of Health and Human Services. In the prospective budget-tightening, how much money would be available for health programs other than “entitlement” programs (such as Medicare/Medicaid) that have to be paid for?
- *Health planning*. President Reagan called for an end to the federal involvement in health planning (a position also taken by the AMA House of Delegates). Will Congress go along?
- *National Health Insurance*. Any effectual move for NHI presumably would stress catastrophic coverage financed primarily through the private sector of the economy. To restrain costs, would there also be

features aimed at intensifying competition among health insurers and among health-care providers?

- *HMOs*—Health Maintenance Organizations. A call for intensified competition in the health-care industry could enhance the status of HMOs as a competitive vehicle. The government might assist them through tax benefits or pressure on employers to offer HMO coverage. (The AMA wants the government to be strictly neutral toward the various modes of health-care delivery—and leave any preference to the consumer.)
- *PSRO* (Professional Standards Review Organizations): The prevailing sentiment in top circles of the new Administration points to an anti-PSRO stance as part of their anti-regulation stance. What alternatives, if any, might Congress consider?
- *Medical education and manpower*. What would general budget-tightening leave for federal funding of medical schools, medical training, and the National Health Service Corps? Particularly in view of the physician-surplus forecasts that emanated from the Carter Administration.

To sum up, the basic directions in Washington, D.C., during the next four years do not necessarily add up to a clear and trouble-free future for the medical profession and patient care.

Only the AMA can give coherence and cohesion to your profession's ability to deal with the prospect. The Association has 43 personnel in Washington and Chicago whose activities include legislative research and analysis, preparation of testimony and other comment to Congress and the Administration, drafting of legislation, or lobbying. The fiscal-1981 budget for their activities totals almost \$3 million.

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Confusing varieties of depression in childhood

Herman S. Belmont, MD

Once formally identified, a particular clinical entity whose manifestations have gone virtually unnoticed for a long time, or even considered nonexistent, suddenly begins to receive increasing attention. Riding on the crest of a wave of popularity, it is seen everywhere, and documented by an avalanche of theoretical and clinical papers. Finally, the diagnostic criteria are examined more meticulously and the refinements of differential diagnosis are explored.

Childhood depression

In the case of childhood depression, the long delay in its delineation as an entity has been due partly to its differences from adult depression and partly to the fact that the symptomatic manifestations in children vary with the continuing developmental changes in the child's psychic structure and function. As a result, primary care physicians as well as psychiatrists have been lagging in readiness to recognize the varying manifestations of depression in children and adolescents. The debate continues: does the child have the personality maturation necessary to experience true depression or is he suffering only normal and realistic responses to a difficult environment.

The situation is complicated further by the disagreement among clinicians over whether a child can be considered depressed if the usual affects are manifest only in lesser intensity and otherwise masked or less noticeable alongside other kinds of behavior.

Responses to trauma

All children are subject to significant losses, painful disappointments, and deprivations. They respond to such traumata in a variety of ways appropriate to their developmental level. When the intensity of the trauma, the limitations of the child's developmental level, or the unavailability of sufficient auxiliary support makes it impossible for the child to assimilate and master the trauma, extraordinarily prolonged, intense, and maladaptive manifestations of pathological proportions may result.

This situation is loosely analogous

to what occurs in the adult exogenous depressions. Ordinarily the adult responds to a loss with grief and mourning which are self limited, their affects being manifest during the normal period of mastery of the loss. In certain situations, the nature of the loss and the particular intrapsychic state of the adult result in a persistent, intense, and overwhelming melancholic reaction which is pathological.

The pathological reaction of children and adolescents to a loss which they cannot master differs from the adult "melancholia" in ways which are determined by the child's developmental characteristics and limitations. Some workers recently have held that masked depression is probably not a useful concept in the diagnosis of childhood depression.

The crucial aspect is that the child or adolescent, at any developmental level, may be experiencing a loss of such nature and degree that he is incapable of mastering it adaptively and, in fact, is blocked from progressing satisfactorily in further development.

The direct expression of depressed affect may be present throughout, only as a symptom of secondary prominence, or may emerge more fully only after an intervention is made. Varying proportions of depressive feelings may have been dealt with by a masking symptomatology or by manifestations more appropriate to the age of the child.

Dr. Belmont is professor and deputy chairman of the mental health sciences department at Hahnemann Medical College and Hospital, Philadelphia. A more extensive version of this paper was presented at the 8th Annual Conference of the Bryn Mawr Hospital/Youth Psychotherapy Center, Bryn Mawr in October 1979. This is the second article in a series on office counseling for primary care physicians. The series is edited by Robert J. Nathan, MD, professor in the mental health sciences department at Hahnemann. The series is a project of the departments of psychiatry of the state's seven medical schools in cooperation with the Pennsylvania Psychiatric Society.

Diagnosis

*The Diagnostic and Statistical Manual, III,*¹ recognizing the limitations of our knowledge about the scope and range of alternative etiologic formulations for many of the child syndromes, has based its classification on basic symptom prerequisites for inclusion. This serves many useful purposes, as, for example, comparison of research findings on frequency and treatment effectiveness coming from different sources. In terms of clinical case finding and early intervention in children, however, it may have significant disadvantages, particularly because the criteria listed are designed largely for adults.

A diagnosis of major depressive episode in children is based essentially on the adult criteria with slight modification. The criteria are:

- Dysphoric mood or loss of interest or pleasure in most usual activities and pastimes, and

- At least four of eight symptoms (in children under six, at least three of the first four) which have each been present nearly every day for a period of at least two weeks. These are (1) appetite or weight changes, (2) sleep problems, (3) psychomotor agitation or retardation, (4) loss of interest or pleasure in usual activity (in children under six, apathy), (5) loss of energy, (6) feeling worthless, self reproach or guilt, (7) complaints or evidence of diminished ability to think or concentrate and (8) recurrent thoughts of death, suicide.

Ordinarily, children showing these symptoms are more likely to be seen by the pediatrician, the family practitioner, or a physician overseeing children in an institution than by a child psychiatrist. These physicians would seem more likely to be immediately aware of shifts and changes in the intrafamilial dynamics of the child's loss experience.

Although in some cases the symptom responses are only realistic responses to a difficult environment and therefore not true depression, physicians must remember that the expectable and necessary environmental supports may be lacking for young children who do not have the where-

withal in their own psychic resources for mastering the trauma. Thus, while the responses to the trauma are understandable, they nevertheless cannot be regarded as normal, and must be considered pathological in intensity. Recognizing the possibility for depression in a child and being sensitive to the wide variety of its manifestations may be helpful in alerting the physician to the underlying basis for a major depression and the possibility of early intervention.

Spitz² described the effects on infants in the second six months of life of separation from their mothers, with manifestations appropriate to their age and development. The symptoms are different from those customarily associated with depression, although they technically fit the *DSM III* criteria. These infants showed the syndrome described by Spitz, of weepiness, reduced responsiveness, loss of weight, insomnia, reduced activity, and increased morbidity. If the mother is not returned in less than three months, the children show progressive motor and psychological developmental deterioration and increased mortality. This is a rather severe and primitive response to a feeling of helpless vulnerability to loss in an, as yet, minimally structured personality apparatus.

Case report 1

Stella, a three year old, showed a shift in behavior and became difficult to manage. She developed an almost constant animal-like shriek, and would bang her head on the crib or on her mother if she picked her up. Stella tried to bite, scratch, or throw herself out of her mother's arms when she was picked up. She slept most of the day; when she was awake, she screamed. She ate poorly.

She had not talked during the previous year except for isolated words or phrases, and neologisms, at times imitated from television or from what someone else had said. She started walking only at twenty months and was not toilet trained.

Stella's family had been progressively deteriorating and finally was disrupted by separations and divorce. The mother had been depressed and was hospitalized for an attempted suicide. Stella had been poorly cared for

and often was isolated and deprived of warmth and attention. The home situation was favorably reconstituted with a remarriage. After a year of intensive therapeutic intervention adapted to her needs and stage of development, and documented by videotape,³ Stella showed a rapid change.

She was ambulatory. She danced, talked animatedly, attended a nursery school, and even read and learned to spell. She was toilet trained, and enjoyed social and play activities.

A blind psychological testing at age six, two years later, found her, "a delightful child to work with," appearing "healthy and resilient," showing "rather solid ego functioning." Stella's previous behavior was that of an extremely depressed child of three or four. It manifested itself not in the adult forms of depression of mood but rather in regression, arrested development, screaming and hostile aggression toward anyone who approached her closely.

Case report 2

A ten-year-old boy, reported by Schiff,⁴ presented with the chief complaint of severe headaches. He cried from pain. He had lost ten pounds in two months. His school attendance decreased and he withdrew from his peers. He previously had been athletic and happy-go-lucky.

Further investigation related the onset of the symptomatology to the removal, by court petition, of two foster brothers who had lived in his house for several years. One was his age and had slept in his room. Psychotherapeutic intervention uncovered feelings of anger toward the parents for letting the brothers go, and sadness and helplessness over what appeared to be a needless removal of his brothers.

He expressed fears that he, too, might be abandoned. He felt lonely and guilty because he had known, in advance, about their imminent departure and had kept it a secret. All of these feelings had been repressed. They emerged only during psychotherapy after this material was introduced and his eyes welled up with tears. He acknowledged that he might be crying about this. As he worked through his feelings of loss, his symptoms cleared and he returned to his

previous adjustment level. The headache symptoms were believed to be an indirect expression of the feelings which could not be directly expressed. The headaches perhaps also served to hold him together lest he be overwhelmed with unbearable emotion.

Case report 3

A nine-year-old girl, on her birthday, abruptly felt fatigued and unwell. She stayed home from school and cancelled her birthday party.

Loss of appetite followed. Daily she struggled reluctantly to attend school. She spent weeks and then months at home, unhappy and bored.

The onset of symptoms was found to be related to an overwhelming concern that her mother was going to die of breast cancer. The mother had had a mastectomy and several hospitalizations five years earlier when the little girl had started kindergarten. Six months prior to the little girl's birthday, the mother of her closest friend died of carcinoma of the breast. Two months before the ninth birthday, the little girl's mother had been hospitalized for a node biopsy. The little girl's friend was supposed to stay overnight the day of the birthday party, but the symptoms developed that morning, the party was cancelled, and the friend never came.

When the connections with the unexpressed feelings of threatened loss in identifying with her friend were brought out, the little girl returned to school where she received initial supplementary support and after a time had no further difficulty.

In a child of this age, incapable of experiencing and tolerating directly the painful feelings of depression, the "school phobia" served as a mask for these feelings. With sufficient support, the child was able to cope with the threatened loss more directly and to relinquish the underlying depressive affect which had been masked with presenting symptomatology, permitting the child to resume her previous adjustment. Years later, she married, had two children, and successfully survived the loss of twins in childbirth without pathological depression.

Case report 4

Ronnie, age 14, presented with only

ildly depressed mood, but an attitude of apathy, defiance, and restless irritability. He lacked an appropriate interest in most activities and was sluggish in school but his feelings of helplessness and worthlessness were not expressed. He evidenced instead a short-fused temper, defiance, misbehavior, vile language, and an unresponsiveness to expectations.

At one point, it was suggested to him that his behavior might reflect his feeling that those around him really did not care about him. This allowed him to open up a well of emotion about how he had been treated by his family. His parents had separated when he was two and a half years old. By the time he was four and a half, they were divorced. When he was seven, his mother remarried. She was divorced again when he was eight and remarried a third time.

He was grieving over his mother's tolerance (in order to preserve her relationship with her husband) of his unfair treatment by his step father in favor of the step father's child. Here the feelings of depression, while he showed the required number of diagnostic criteria for depression, were masked by surly, indifferent, hostile and antisocial behavior directed at his school, his teachers, and his peers. His

outlets were wildly driven and pressured activities which bordered on being self destructive.

Case report 5

A 16-year-old girl, with a more fully developed psychic structure and more capable of experiencing feelings of helplessness and for understanding the meaning of what was happening around her, presented with a cut wrist from a suicidal gesture. She was impulsive, irritable, and forlorn at the thought that her father, who had thrown her out of the house in an intoxicated burst of temper, did not visit her in the hospital.

She did not particularly show significant symptoms of appetite or sleep problems, or a loss of interest in her usual activities, loss of energy, or complaints of diminished ability to think or concentrate. She did show psychomotor agitation, failures in school, and feelings of worthlessness. Eventually she killed herself by falling out of an upper story window (barely the four required criteria). This girl had a long history of arguments and fighting with both her mother and father, recent disappointment in her relationship with a boy friend and predominantly, an angry, impulsive and irritable attitude toward her family figures.

Conclusion

All these clinical vignettes differ from one another and from the classic picture of adult depression. In most instances, the depressive affects, while present, were relatively less prominent alongside the associated symptomatology. In one instance, there was an early and severe developmental interruption, in another a picture resembling in some respects childhood autism, in another a school avoidance, another with severe unremitting headache, in still another a hostile, antisocial orientation, and finally, an impulsive abortive wrist cutting. All are examples of clinical depression in childhood.

Psychotherapeutic intervention, including an approach to a poorly supportive residual environment following severe loss, offered, or might have, the opportunity for a better mastery of the trauma and continued adaptive development. □

REFERENCES

1. Diagnostic and Statistical Manual of Mental Disorders (Third Edition). American Psychiatric Association, Washington, DC 210-215, 1980.
2. Spitz, R.: Hospitalization. Psychoanalytic study of the child. International Universities Press, New York. 1:53-74, 1945.
3. Roberts, S.: Videotape "Stephanie, a year of treatment" Hahnemann Medical College, Philadelphia, 1978.
4. Schiff, M.H.: Headaches and Mourning. Unpublished report. Monmouth Hospital, Monmouth, NJ, 1979.

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Radiotherapy in managing laryngeal carcinoma

C.K. Chung, MD
John A. Stryker, MD
Melvin Strauss, MD
George Connor, MD

The major goals in management of carcinoma of the larynx are controlling the primary tumor and regional lymph nodes and preserving the voice.

Advances in radiation therapy have made it possible to cure a high percentage of the less advanced tumors without sacrificing the voice. In early vocal cord cancers, the five-year cure rate with radiotherapy equals that obtained with surgery. In patients with more advanced tumors, radiotherapy is followed by a high incidence of recurrence; however, when radiation fails, laryngectomy offers a second chance for controlling the disease. In patients with very advanced tumors, the prognosis is poor and the best results may be obtained with radiotherapy and radical surgical procedures.¹

Our discussion will present some basic data concerning the proper treatment of this neoplasm. This information has been obtained from a review of recently published reports as well as the experience gained in analyzing the patients with laryngeal carcinoma treated at The Milton S. Hershey Medical Center of The Pennsylvania State University.

Methods

A total of 73 patients with laryngeal cancer were treated in the radiation oncology division of Hershey Medical Center from July 1971 through September 1977. Two patients (one with non-Hodgkin's lymphoma and one with oat cell carcinoma) were excluded from the series because of their different biologic behavior. The remaining 71 patients had histologic diagnosis of squamous cell carcinoma and are included in this analysis.

In this series, 59 (83%) were male and 12 (17%) were female with the highest incidence in the seventh dec-

ade. The ratios of male to female in supraglottic and glottic tumors are 3:1 and 9:1 respectively. Patients with supraglottic tumors ranged in age from 41-73 years (57 years average), and those with the glottic tumor ranged from 18-80 years (63 years average). Only 2 percent were Negro and the remaining Caucasian.

All patients were evaluated initially with direct laryngoscopy and biopsy by the otorhinolaryngology division. In every case, an effort was made to determine the site of origin. To aid in locating the site and determining the extent of disease, soft tissue roentgenogram, tomograms, and laryngograms were performed.

Staging was carried out jointly by the staffs of radiation oncology and otorhinolaryngology. The patients were staged retrospectively according to the recommendations of the American Joint Committee for Cancer Staging and End Result Reporting, 1978.² In the few patients in whom the primary site could not be determined (as those with large bulky lesions), the site that most closely fitted the clinical picture was chosen.

Thirty-nine patients had supraglottic tumors, 20 glottic, and 2 subglottic (Table 1). The epiglottis was the most common site of origin (49%) and the arytenoid (8%) was the rarest site of origin in supraglottic tumors. Supraglottic tumors were more advanced at the primary site (77% - T3 & T4), compared with glottic (17% - T3 & T4). They also had a higher incidence of cervical node involvement on admis-

sion (39% vs. 3% glottic tumor). The incidence of cervical node involvement by primary site and T-stage is shown in Table 2.

The most common complaint for which the patients with supraglottic tumors sought medical attention was throat irritation and/or pain on swallowing (49%). Hoarseness was the most common complaint for patients having glottic (83%) and subglottic tumors (100%). The mean duration of symptoms was about 4-5 months. Most patients were smokers (99%) and drinkers (88%). Eight patients (11%) had multiple primary cancers.

Curative treatment was carried out using a Picker Cobalt-60 unit. Primary radiotherapy with small fields was used for early stages of disease: 18 stage I lesions (17 glottic and 1 supraglottic), and 8 stage II glottic tumors. In general, pre-operative radiotherapy was the preferred method of treatment in more advanced lesions: 12 stage III tumors (11 supraglottic and 1 glottic) and 10 stage IV lesions (9 supraglottic and 1 glottic).

Post-operative radiotherapy was used for those who presented with laryngeal obstruction requiring immediate tracheostomy or in whom obstruction was considered imminent: 1 stage II supraglottic tumor, 1 stage III glottic, and 6 stage IV (4 supraglottic and 2 glottic). Radiotherapy alone was used for patients who were poor operative risks, who had fixed unresectable lymph nodes or unresectable primary tumors, or who refused surgery. This treatment involved 13 patients with supraglottic tumors (5 stage II, 4 stage III, and 4 stage IV) and 2 patients with stage II and IV subglottic tumors.

Radiotherapy technique for early lesions was to use small fields on the average of 5x5 cm and lateral opposing fields and/or 45° wedge pair with tumor dose of 6500 to 7000 rad being

Drs. Chung and Stryker are in the radiation oncology division and Drs. Strauss and Connor are in the otorhinolaryngology division of The Milton S. Hershey Medical Center.

TABLE 1				
Distribution of Patients by Primary Site and Clinical Stage				
Stage	Supraglottic	Glottic	Subglottic	Total
I	1	17	0	18
II	6	8	1	15
III	15	2	0	17
IV	17	3	1	21
Total	39 (55%)	30 (42%)	2 (3%)	71 (100%)

delivered in 33-35 fractions over 6.5-7 weeks. Each patient was set up daily by a physician. The technique of pre-operative irradiation was similar in all patients and has been described.³ The larynx and upper neck were treated through opposing lateral fields. The daily dose rate at the midline was 170 rad. Fifty-one hundred (5100) rad was administered in 30 fractions over six weeks. The lower neck and supraclavicular region was treated in all patients through an anterior field with patient supine. Fifty-one hundred (5100) rad in 30 fractions was administered at 3 cm depth in six weeks.

Surgical resection was carried out at six weeks following the completion of irradiation. The technique for post-operative irradiation was similar to that of the pre-operative irradiation except that 6000 rad was given to the upper neck field. For advanced lesions treated with primary radiotherapy, the shrinking field technique was used for the final 2000 rad to 2500 rad after receiving 5100 rad in six weeks to the primary and whole neck.⁴ The surgical procedures performed are listed in Table 3.

Followup care was carried out in the multidisciplinary ENT Tumor Clinic by members of the otorhino-

laryngology and radiation oncology staffs. Primary and neck failures were recorded whenever tumor was documented in these sites by physical examination or biopsy. Distant metastases to lungs, bone, and brain were documented by radiography and radionuclide scanning. Absolute survival was calculated from the initial date of treatment. All patients were followed until death or for a minimum of two years from the date of first treatment.

Results

More than 90 percent of recurrences at the primary site were seen within 24 months of treatment. Therefore,

TABLE 3		
Surgical Procedures as Planned Part of Initial Treatment		
Type of Surgery	Pre-op R-T	Post-op R-T
Total laryngectomy, and		
Without neck dissection	0	3
Ipsilateral radical neck dissection	12	3
Bilateral (staged) neck dissection	4	0
Partial pharyngectomy and ipsilateral radical neck dissection	1	0
Resection of base of tongue and bilateral radical neck dissection	1	0
Supraglottic laryngectomy, and		
Without neck dissection	2	1
Ipsilateral radical neck dissection	3	0
Resection of base of tongue	0	1
	22	8

TABLE 2										
Distribution of T & N Staging by Primary Site										
Stage	Supraglottic				Glottic				Subglottic	
	N ₀	N ₁	N ₂	N ₃	N ₀	N ₁	N ₂	N ₃	N ₀	N ₁₋₃
T ₁	1	0	0	0	17	0	0	0	0	0
			0%							
T ₂	6	1	0	1	8	0	0	0	1	0
			25%							
T ₃	11	2	1	4	2	0	0	0	0	0
			39%							
T ₄	6	2	2	2	2	0	1	0	2	0
			50%							
Total	24	5	3	7	29	0	1	0	2	0
			39%				3%			

the two-year NED rate (No Evidence of Disease rate) is reliable for comparing the various modalities of treatment.⁵

In this series local recurrence above the clavicles occurred in 50 percent within 12 months and 92 percent within 24 months of treatment. Table 4 shows initial local recurrence rates and surgical salvage rate by primary site, stage, and mode of therapy in total group.

In the entire series, 7 (17%) of 41 patients who had primary radiotherapy developed local recurrence and 5 (71%) recurrences were salvaged by subsequent surgery with 5 percent ultimate local failures. For

TABLE 4
Incidence of Local Recurrences* and Results of Salvage

Primary Site	Stage	R-T Alone		Pre-op R-T		Post-op R-T	
		No. of Recurr.	No. of Surg. Salv.	No. of Recurr.	No. of Surg. Salv.	No. of Recurr.	No. of Surg. Salv.
Supraglottic	I	0/1	—	—	—	—	—
	II	++2/5	1/2	—	—	0/1	—
	III	0/4	—	0/11	—	—	—
	IV	++2/4	1/2	+1/9	0/1	+1/4	0/1
Glottic	I	1/17	1/1	—	—	—	—
	II	1/8	1/1	—	—	—	—
	III	—	—	0/1	—	0/1	—
	IV	—	—	0/1	—	+1/2	0/1
Subglottic	II	1/1	1/1	—	—	—	—
	IV	0/1	—	—	—	—	—
Total	I & II	5/32	4/5	—	—	0/1	—
	III & IV	2/9	1/2	1/22	0/1	2/7	0/2

*Recurrences above the clavicles.

+Recurrences in neck node only.

++Recurrences in both primary sites and neck nodes.

patients with advanced tumors (stage III and IV) treated by radiotherapy alone, the ultimate local failure rate was 11 percent (1/9) which is comparable with that of those treated by combined therapy: 10 percent (3/29).

Table 5 illustrates the recurrence rate in the neck by treatment modality. In the radiotherapy alone group, the incidence of recurrence in the neck for N₀ and N₁₋₂ was 3 percent and 25 percent respectively. Radiotherapy without neck dissection controlled the neck nodes in 97 percent for N₀ and 80 percent for N₁₋₃ in the total group.

Two-year absolute survival rate (NED) by primary site, stage, and treatment modality is shown in Table 6. For patients with advanced carcinoma (stages III and IV) treated by primary radiotherapy, the survival rate was 56 percent which is comparable with those treated with combined

therapy: 69 percent, although primary radiotherapy group were more unfavorable conditions such as older age, more intercurrent disease, and poor general condition.

Table 7 illustrates the relationship between the type of treatment and voice preservation. For the entire series, the voice was preserved in 93 percent of patients treated by primary radiotherapy and 20 percent (6/30) of those patients treated by combined therapy.

In the pre-operative radiotherapy group, an attempt was made to determine the number of larynges that could have been saved if we had given further therapy to the primary with reduced fields and withheld surgery until a recurrence developed. The results of the routine pathologic examinations of the surgical specimens after pre-operative radiotherapy were re-

viewed and an analysis was made of the sterilization rate for both primary lesions and nodes,³ 45 percent of the primary tumors were sterilized and 68 percent of the nodes were sterilized. In four other patients, tumor was present at the primary site only in small microscopic foci suggesting that these foci also may have been sterilized with a higher dose of radiation (Table 8). Therefore, the hypothetical number of larynges that might have been saved was 14 of 22 (64%). Furthermore, it is usually possible to make an accurate assessment of disease status at the primary site by clinical examination which could also assist in determining whether or not a laryngectomy is needed.

The immediate complication of laryngectomy with radiotherapy by treatment modality is shown in Table 9. For the study of morbidity, the

TABLE 5
Incidence of Recurrences in the Neck

Treatment	Without Neck Dissection				With Neck Dissection			
	N ₀	N ₁	N ₂	N _{3a}	N ₀	N ₁	N ₂	N _{3a}
R-T Alone	1/37	0/2	1/2	—	—	—	—	—
Pre-op R-T*	0/2	—	—	—	0/12	1/6	0/6	0/1
Post-op R-T	0/4	—	0/1	—	1/1	—	1/2	—

*20 patients underwent 25 procedures of neck dissection.

TABLE 6
Two Year Absolute Survival Rate (NED*)

Primary Site	Stage	R-T Alone	Pre-op R-T	Post-op R-T
Supraglottic	I & II	5/6	—	1/1
	III & IV	5/8	15/20	1/4
Glottic	I & II	23/25	—	—
	III & IV	—	2/2	2/3
Subglottic	I & II	1/1	—	—
	III & IV	0/1	—	—
Total	I & II	29/32 (91%)	—	1/1
	III & IV	5/9 (56%)	17/22 (77%)	3/7 (43%)

*No evidence of disease both locally & distantly at the follow-up examination immediately after the cut-off time at 24 months of treatment.

TABLE 7
Relationship Between Type of Treatment and Voice Preservation

Primary Site	Treatment	Total Number	Laryngectomy		Voice Loss	Voice Preservation
			Total	Partial		
Supraglottic	R-T Alone	14	2 ⁺	1 ⁺	2	12 (86%)
	Pre-op R-T	20	16	4 [*]	16	4 (20%)
	Post-op R-T	5	3	2 [*]	3	2 (40%)
Glottic	R-T Alone	25	1 ⁺	1 ⁺	1	24 (96%)
	Pre-op R-T	2	2	—	2	0 (0%)
	Post-op R-T	3	3	—	3	0 (0%)
Subglottic	R-T Alone	2	0	1 ⁺	0	2 (100%)
Total	R-T Alone	41	3	3	3	38 (93%)
	Pre-op R-T	22	18	4	18	4 (18%)
	Post-op R-T	8	6	2	6	2 (25%)

⁺Surgical salvage procedure for radiation failure
^{*}Supraglottic laryngectomy

minor complications were defined as complications requiring no second surgical procedures, no significant protrusion of the post-operative period, and in no way jeopardizing a successful outcome to the operation. Major complications were defined as requiring second surgical procedures, significantly protracting the post-operative period and those that raised serious doubt as to whether the cure could be worse than the disease. For the radiotherapy alone with surgical salvage group, the major and minor complication rates were 13 percent and 0 percent respectively. These did not differ significantly from the other groups.

With regard to radiation complications, one patient developed severe laryngeal edema and another had hyperkeratosis of the larynx. The minimum laryngeal edema seems to be the greatest sequela. Radionecrosis has not occurred in the series.

Table 10 summarizes the five-year survival results in 4,236 cases (of 35 institutions) collected from the literatures.¹ There were no great differences

of survival between primary radiotherapy and primary surgery group except those with very advanced primary tumors (T₄N₀) and/or metastases to cervical nodes (N₁₋₃). For the advanced group of patients, total laryngectomy or laryngopharyngectomy with radical neck dissection may give the best chance for long time survival. Radiotherapy is important adjuvant and is probably most effective when given pre-operatively.¹

Discussion

There are presently two principal approaches to treating carcinoma of the larynx, one emphasizes primary

surgery with or without pre- or post-operative radiation therapy,⁶⁻¹⁵ and the other recommends primary radiotherapy reserving surgery for salvage of persistent or recurrent disease.^{1,16-23}

Lederman compared the results from two hospitals with physicians practicing according to these different principles.²⁴ The results were similar when considering the five-year survival, but the advantage of initial radiotherapy was in the larger number of patients in whom surgical resection was avoided (372/487 or 76%). This compared with the relatively small number (108/293 patients

TABLE 8
Clinical Status of Larynx Post-Radiotherapy and Histologic Findings*

Clinical Status	No. of Pts.	Histologic Findings		
		No Tumor	Isolated Tumor Foci	Gross Residue
Pre-operatively				
Normal	12	8	2	2
Abnormal	7	1	1	5
Indeterminate	3	1	1	1
Total	22	10	4	8

*In pre-operative radiotherapy group

TABLE 9
Immediate Complication of Laryngectomy with Radiotherapy

Complication	Pre-op R-T (22 pts.)		Post-op R-T (8 pts.)		R-T with Surgical Salvage (8 pts*)	
	Major	Minor	Major	Minor	Major	Minor
Fistula	2	1	1	0	1	0
Wound Dehiscence	1	0	0	0	0	0
Wound Infection	0	1	0	0	0	0
Flap Abscess	0	1	0	0	0	0
Hypoparathyroidism	0	1	0	1	0	0
Every patient ultimately healed completely						
Total	3 (14%)	4 (18%)	1 (13%)	1 (13%)	1 (13%)	0 (0%)

*One additional patient who had a planned laryngectomy after 7000 rads was included

TABLE 10
Absolute 5 Year Survival (Review of Literature)*

Primary Site	Stage	Primary Radiotherapy	Primary Surgery
Glottic	T ₁ N ₀	78% (751/967)	83% (378/458)
	T ₂ N ₀	63% (314/497)	57% (115/201)
	T ₃ N ₀	50% (81/162)	61% (142/231)
	T ₄ N ₀	8% (2/25)	32% (9/28)
Supraglottic	T ₁ N ₀	65% (47/72)	59% (24/41)
	T ₂ N ₀	61% (61/100)	61% (14/23)
	T ₃ N ₀	36% (43/120)	45% (14/31)
	T ₄ N ₀	14% (8/56)	56% (22/39)
Subglottic	T ₁₋₄ N ₀₋₃	36% (46/127)	41% (24/58)
All Sites	T ₁₋₄ N ₁₋₃	15% (88/579)	38% (159/421)
Total		53% (1441/2705)	59% (901/1531)

*Review of literatures collected the data from 35 institutions. Modified from Vermund.¹

or 37%) who escaped surgery in the other institutions. The number of surviving patients who retained an intact larynx was 78 percent (241/308) in one hospital and 75 percent (70/93) in the other hospital after initial radiotherapy. All of the 90 patient survivals treated with initial laryngectomy lost their voices.

Laryngectomy for radiation failure has resulted in an average five-year survival of 52 percent (227/439) in a series collected from the literature. On the other hand, radiotherapy for recurrence after surgery is rarely successful. Among 181 cases collected from the literature, there were only 19 patients surviving five years (10%).¹

In this series, the treatment of stage I and II carcinoma by primary radiotherapy has resulted in a high cure rate with retention of the larynx. The voice quality has been uniformly excellent although a few patients report intermittent hoarseness during winter months associated with upper respiratory infection. Patients with advanced carcinoma (stage III-IV) who have been treated by primary radiotherapy have a relatively favorable prognosis. The primary tumor and lymph nodes were ultimately controlled in 89 percent and voice preserved in 77 percent. These results compare with those of other authors.^{5,16} In patients treated by combined surgery and irradiation in this series, the ultimate local control rate was 90 percent, but the voice was preserved in only 17 percent. These figures also compare with those of other authors.^{5,25}

Our preliminary results suggest that it is possible clinically to assess the probable histologic status and

thereby reduce the number of cases subjected to immediate surgery. It would appear that in excess of 60 percent of larynges could be saved. Some tumors would recur, but the evidence would seem to indicate that the later surgery would not be accompanied by undue increase in complications. Although there are too few patients within this study to permit any definite conclusions to be reached in the individual stage groupings, it appears that a policy of radiotherapy with surgery for salvage of recurrences would not be inferior to the alternative. Results from other larger series support this conclusion.^{1,19,23}

In the entire series, initial treatment failed to control the carcinoma in 23 percent (16/71) of patients. Of considerable importance is the fact that the site of the first failure was distant metastases in 38 percent (6/16) of patients. There was no significant difference in the development of distant metastases between patients who had radiotherapy alone or combined therapy. Since the incidence of distant metastasis is high in advanced stages, improvement in survival and perhaps local control may result from adding long-term cyclical chemotherapy to the therapeutic regimen. □

REFERENCES

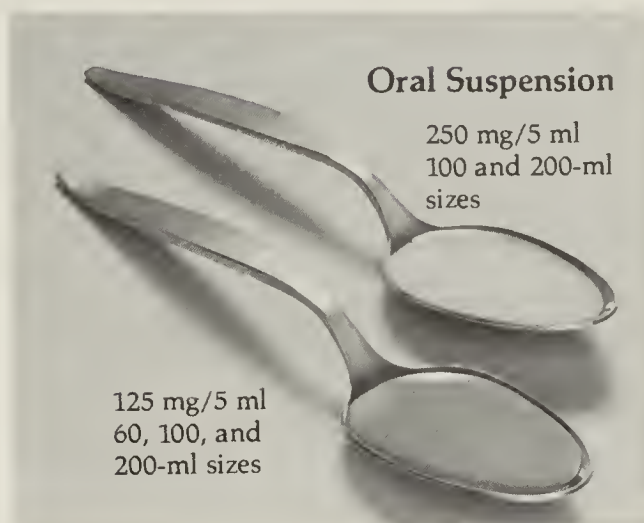
- Vermund, H.: Role of radiotherapy in cancer of the larynx as related to the TNM system of staging. *Cancer* 25:485-504, 1970.
- American Joint Committee for Cancer Staging and End-Results Reporting: Manual for Staging of Cancer, American Joint Committee, Chicago, Illinois, 1978.
- Stryker, J.A., Chung, C.K., Clement, J.A.: Tumor sterilization following high dose pre-operative irradiation for advanced cancer of the larynx or pyriform sinus. *Radiology* 132:171-174, 1979.
- Fletcher, G.H.: Head and Neck, in, *Textbook of Radiotherapy*, Fletcher, G.H. ed: Lea & Febiger (Philadelphia) Second Edition, 1973, pp. 255-287.

- Fletcher, G.H., Jesse, R.H., Lindberg, R.J., Koons, C.R.: The place of radiotherapy in the management of squamous cell carcinoma of the supraglottic larynx. *AJR* 108:19-26, 1970.
- Ennuyer, A., Bataini, P.: Laryngeal carcinoma. *Laryngoscope* 85:1467-1476, 1975.
- Kirchner, J.A., Owen, J.R.: Five hundred cancers of the larynx and pyriform sinus. Results of treatment by radiation and surgery. *Laryngoscope* 87:128-1303, 1977.
- Marchetta, F.C., Sako, K., Mattick, W.I.: Squamous carcinoma of the larynx. *Am J Surg* 116:491-493, 1968.
- Miller, D.: Management of glottic carcinoma. *Laryngoscope* 85:1435-1439, 1975.
- Morrison, R.: Radiation therapy in disease of the larynx. *Brit J Radiol* 44:489-504, 1971.
- Ogura, J.H., Sessions, D.G., Spector, G.J.: Conservation surgery for epidermoid carcinoma of the supraglottic larynx. *Laryngoscope* 85:1808-1815, 1975.
- Wang, C.C.: Treatment of glottic carcinoma by megavoltage radiation therapy and results. *Am J Roentgenol* 120:157-163, 1974.
- Bocca, E.: Supraglottic cancer. *Laryngoscope* 85:1318-1326, 1975.
- Coates, H.L., DeSanto, L.W., Devine, K.D., Elvback, L.R.: Carcinoma of the supraglottic larynx. *Arch Otolaryngol* 102:686-689, 1976.
- Marks, J.E., Freeman, R.B., Lee, F.: Carcinoma of the supraglottic larynx. *AJR* 132:255-260, 1979.
- Constable, W.C., White, R.L., el-Mahdi, A.M., et al: Radiotherapeutic management of cancer of the glottic, University of Virginia, 1956-1971. *Laryngoscope* 85:1494-1503, 1975.
- Jorgensen, K.: Carcinoma of the larynx, three therapeutic results. *Acta Radiol* 13:446-464, 1974.
- Lederman, M.: Radiotherapy of cancer of the larynx. *J Laryngol Otol* 84:867-896, 1970.
- Stewart, J.G., Brown, J.R., Palmer, M.K., Cooper, A.: The management of glottic carcinoma by primary irradiation with surgery in reserve. *Laryngoscope* 85:1477-1485, 1975.
- Fu, K.K., Eisenberg, L., Dedo, H.H., Phillips, T.L.: Results of integrated management of supraglottic carcinoma. *Cancer* 40:2814-2818, 1977.
- Goffinet, D.R., Eltringham, J.R., Glatstein, E., Bagshaw, M.A.: Carcinoma of the larynx: Results of radiation therapy in 212 patients. *AJR* 117:553-564, 1973.
- Hendrickson, F.R., Kline, T.C., Hibbs, G.G.: Primary squamous cell carcinoma of the larynx. *Laryngoscope* 85:1650-1666, 1975.
- Harwood, A.R., Hawkins, N.V., Beale, F.A., et al: Management of advanced glottic cancer. *Int J Radiation Oncology Biol Phys* 5:899-904, 1979.
- Lederman, M., Dalley, V.H.: The treatment of glottic cancer: The importance of radiotherapy to the patient. *J Laryng* 79:767-770, 1965.
- Snow, J.B., Kramer, S., Marcial, V.A.: Evaluation of randomized pre-operative and post-operative radiation therapy for supraglottic carcinoma. *Ann Otol* 87:686-691, 1978.

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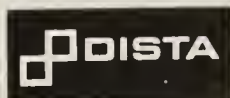
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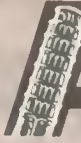
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Family practitioner — needed to join three physicians at a well-established nonprofit community health center located in rural central Pennsylvania within proximity of Carlisle and Harrisburg. Excellent salary and incentive, malpractice and moving expenses paid. Contact: David Sarcone, Administrator, Perry Health Center, Loysville, PA 17047. Phone (717) 789-4328.

House physician — Suburban Philadelphia area hospital currently has openings on all shifts for full time physicians to provide house coverage on all services. No emergency room or OB responsibility. Must have Penna. license and DEA number. We offer a modern and progressive facility, cooperative atmosphere, excellent compensation and full benefit package including malpractice insurance. Interested candidates should send curriculum vitae: The Lower Bucks Hospital, Personnel Department, Bath Road, Bristol, PA 19007.

Pediatrician and other physicians wanted — for Bethel Park, Pennsylvania, suburb of Pittsburgh, 35,000 people. New professional building. Call (412) 833-6188.

Psychiatrist and physicians — Board certified or Board eligible Pennsylvania licensure required. Immediate openings. Excellent opportunity to work in developing new programs in a state hospital. Salary competitive. Limited housing available. Excellent fringe benefits. 40 miles east of Pittsburgh. Call (412) 459-8000 or write to Ray Bullard, MD, Superintendent, Torrance State Hospital, Torrance, PA 15779. An Equal Opportunity Employer.

California — Director positions available. Emergency medicine physicians needed for rural Northern California areas. Excellent opportunity to join growing partnership of career emergency physicians. Emergency medical residency, board certification or at least two years experience required. Excellent benefit package and profit sharing. Contact Judy Neal, California Emergency Physicians, 440 Grand Ave., Suite 500, Oakland, CA 94610; (415) 832-6400.

Physicians — for clients in Pennsylvania, Massachusetts, and several Southern states. Specialists in FP, PD, psychiatry, orthopedic surgery, neurosurgery, ENT, rheumatology, OTO, director anesthesiology, and retinal surgeon. Please call E.J. Mowry, (215) 348-8700.

Orthopedic surgeon wanted — associate for well established orthopedic clinic in eastern Pennsylvania. First year, salary plus percentage. Partnership after one year. Board eligibility required. No investment needed. Write Department 709, PENNSYLVANIA MEDICINE, 20 Erford Road, Lemoyne, PA 17043.

Family practice — full-time position for a primary health care center. Located in North Central Pennsylvania, surrounded by multitude of year 'round outdoor recreational opportunities. Competitive salary and fringe benefits. Position available July 1, 1981. Contact Joseph E. Singer, Administrator, Misty Valley Community Health Center, P.O. Box 302, Smethport, PA 16749 (814) 887-5622.

Physician placement by physicians — unique hospital, group and solo opportunities available in all specialties throughout Pennsylvania and coast-to-coast. Urban, suburban, and rural openings. Forward C.V. with your objectives in confidence to M.C. Staschak, MD, & Associates, 5th Floor - M, Manor Building, Pittsburgh, PA 15219, (412) 765-3555 (answers 24 hours).

Medical group forming — immediate attending staff physician positions available. Possible academic affiliation. Regular hours with guaranteed salary and benefits. Background in primary care, internal medicine, or family practice. Contact: Dr. Irving Abramson, Suite 400, 399 Market Street, Philadelphia, PA 19106, or telephone (215) 925-3633.

Pennsylvania, Chester — emergency department physician for private physician group staffing EDs in Philadelphia and Delaware County. Must be PA licensed. 40 hr. week, competitive salary, paid malpractice, liberal fringe benefits, profit sharing. Send curriculum vitae to Emergency Medical Associates, Ltd 15th & Upland Ave., Chester, PA 19013 or call (215) 874-8177.

Emergency physicians — Philadelphia and suburban Philadelphia hospitals. Fee for service with minimum guarantee, 42 hr. per week avg. Experience preferred but will consider all applicants. Contact Teddy Trout (215) 438-0390 for further details or send CV to EMSS, 5555 Wissahickon Ave., Suite L6, Philadelphia, PA 19144.

Pennsylvania Emergency Physician — 200-bed general hospital located in western Pennsylvania university community. New modern Emergency Department. Salary highly competitive. PA license required. Contact: William B. Yeagley, MD, Director of Department of Emergency Services, Indiana Hospital, Indiana, PA 15701.

Pennsylvania — Emergency physician system. Needs several fulltime emergency physicians for Western Pennsylvania area emergency departments. Independent contractor arrangements. Eligible for corporate membership within two years. The system is on a "fee-for-service" basis. Contact: (412) 228-3400 for interview appointment.

NEEMA Emergency Medical — a professional association — Emergency medicine positions available with emergency physician group in PA, NY, NJ, VA, WVA, MD, and throughout New England, the Southeast, and the Midwest, including all suburban, rural, and metropolitan areas. Fee-for-service with minimum guarantee provided. Malpractice paid. Practice credits toward board certification. Physicians department directors also desired. Please send resume to: NEEMA Emergency Medical, Suite 400, 399 Market Street, Philadelphia, PA 19106 or phone (215) 925-3511 in PA, or 800-523-0776 outside PA.

Emergency medicine — Western Pennsylvania and Ohio: Full and part-time opportunities throughout the region in low to high volume emergency departments. Spectrum Emergency Care, the

ader in emergency medicine management, offers excellent compensation, paid professional liability insurance, flexible scheduling without on-call involvement. For details contact Neal Hannon collect at 614-457-9761, or send credentials in complete confidence to 3720-B Olentangy River Road, Whetstone Medical Center, Columbus, Ohio 43214.

Assistant superintendent for clinical services — (medical director). Immediate opening, must be certified by the American Board of Psychiatry or be eligible, Pennsylvania Licensure required. Salary competitive, excellent fringe benefits. Housing available. 40 miles east of Pittsburgh. Call (412) 459-8000 or write Ray Bullard, MD, Superintendent, Torrance State Hospital, Torrance, PA 15779. An Equal Opportunity Employer.

General and peripheral vascular surgeon — (1 year fellowship or equivalent) with interest in trauma and dialysis access surgery to join general and peripheral vascular surgeon now in solo practice. Send curriculum vitae to Tamar D. Earnest, MD, 1251 S. Cedar Crest Blvd., Suite 301-C, Allentown, PA 18103.

POSITIONS WANTED

Medical ophthalmologist — 43 y/o American board certified desires satisfactory position in established practice. Will consider all locations. Curriculum vitae on request. Write Department 863, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

CONTINUING EDUCATION

American College of Cardiology — Continuing Medical Education Programs. Mechanism and Therapy of Cardiac Arrhythmias, September 9-12, 1981, Philadelphia, Leonard S. Dreifus, MD, Director. Noninvasive Cardiac Imaging: Two Dimensional Echocardiography - Radionuclide Imaging - Advanced Techniques, December 3-5, 1981, Philadelphia, Joel Morganroth, MD, Director. For further information contact: Registration Secretary, Extramural Programs Department, American College of Cardiology, 9111 Old Georgetown Road, Bethesda, Maryland 20014; (301) 879-5400.

FOR SALE

Doctor retiring after forty years practice — office 850 sq. ft. with colonial four bedroom home attached. Excellent opportunity for general practice, dermatologist, or all of it. Location Cleona, Lebanon County, PA, 10 miles from Hershey Medical Center. Call Keller Real Estate Co. (717) 272-5637, or write Box 706, Lebanon, PA 17042.

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Dictaphone in excellent condition — Matching, Hamilton, instrument cabinet and treatment stand. Two Casco metal, upholstered chairs, like new. Sigmoidoscope and other equipment. Call (717) 263-1996.

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Surgical technologist — or surgical assistant (P.A.). 381 bed community hospital, N.E. section of Philadelphia, Pennsylvania. Full time; salary competitive. Contact Nazareth Hospital (215) 355-6098.

Physician's assistants — Become a Warrant Officer in the Pennsylvania Army National Guard in a unit near your home. Serve one weekend a month and a fifteen (15) day Annual Training period each year. You will be eligible for continuing professional education, monthly pay, and a substantial noncontributory retirement plan. Enjoy the personal satisfaction of doing an important job for your State and Nation. For further information contact Major Eugene P. Klynoot, Department of Military Affairs, Pennsylvania Army National Guard, Annville, PA 17003; telephone (717) 783-3430.

Pennsylvania Medicine, July 1981

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AVAILABLE: Bottles 100, 500, 1000

SIDE EFFECTS: Most persons experience a flushing and tingling sensation after taking a higher potency nicotinic acid. As a secondary reaction some will complain of nausea, sweating and ab-

dominal cramps. The reaction is usually transient.

INDICATIONS: As a cerebral stimulant and vasodilator.

RECOMMENDED GERIATRIC DOSAGE: One capsule three times daily adjusted to the individual patient.

WARNING: Overdosage may cause muscle tremor and convulsions.

CONTRAINDICATIONS: Epilepsy or low convulsive threshold.

CAUTION: Federal law prohibits dispensing without prescription. Keep out of reach of children.

in my opinion

Hospital charges 'amazing'

For some time now and for more years than I care to think about I have been involved with utilization review and quality control. In most of our work and deliberation on the subject we have concentrated on the physician and his supposed role in escalating the cost of medical care.

As chairman of the board of Allegheny Professional Standards Review Organization I have spent many hours with the board and committees in worrying about length of stay and unnecessary hospital days. It became a realization that these did add to medical costs. Therefore, we did something about it.

While doing all this, however, we were spending much time at the tip of the iceberg and neglecting the main mountain of ice.

How many of us have ever asked to see a copy of the hospital bills of our patients? Recently a number of my patients (including physicians) have been bringing me copies of their hospital bills. They are amazed at some of the charges. I, too, am amazed when I see an item that is billed at an inflated charge of 10 and 20 times its original cost. I recently saw a bill of over \$8,000 for an eight-day hospitalization for a simple, uncomplicated hysterectomy. The room rate was \$240 per day. In light of this, an extra day of hospitalization would have been a very small percentage of the total bill.

It seems apparent that we physicians have allowed ourselves to be whipping boys for the responsibility for increased costs. Perhaps more realistic billing and further attempts at hospital cost efficiency would do more to reduce the high cost of medical care than can be achieved by just cutting down a day of hospitalization here and there.

James R. Dornenburg, MD, President
Allegheny County Medical Society

Reprinted with permission from the Bulletin of the Allegheny County Medical Society, April 25, 1981.

Technology's price tag

Three recent press clippings carry a veiled warning for the medical profession: that our growing dependence on technology carries with it a price tag—not only in dollars but, quite conceivably, in quality of care as well.

- Two New York City radiologists install C-T body scanners in their private offices. Cost: \$824,000 each payable in monthly installments of \$21,000. Seventy to eighty scans apiece per month, they estimate, will pay the bill.

- Art Buchwald, tongue only slightly in cheek suggests that—for quality control—physicians ought to man the microscopes in hospital labs and let technicians examine the patients.

- A Health Care Policy Institute blue-ribbon committee reports that Southwestern Pennsylvania's in-

Write for literature and samples

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atient hospitalization rate is 11 percent above the national average—due in part, the committee speculates, to increasing reliance by physicians on the most diagnostic technology available in hospitals.

We know that the CAT scanner is a costly diagnostic tool, but we justify the costliness by insisting that life is not cheap and that the scanner's life-saving capabilities, its capacity for letting us look into the body without the dangerous, painful, and more costly procedures of exploratory surgery makes it worth the price.

What we fail to acknowledge openly is whether the law which causes work to expand to fill the time available operates as well with scanners. When the two New York radiologists fall short of their monthly quotas, will medical—or financial—necessity dictate the need for body cans?

Scanners, moreover, are not our only point of vulnerability.

Is there a correlation between overbedding and overutilization in hospitals? Does a faltering utilization rate, called to our attention (subtly or unsubtly) by the administrator, affect our own admitting practice?

By the same token, does a surplus of surgeons create a need for more surgery? (As a corollary, does an excess of

Continued on page 58

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Gradual Release LIPO-NICIN®/300 mg.

Each time-release capsule contains:

Nicotinic Acid 300 mg.
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Thiamine HCL (B-1) 25 mg.
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in a special base of prolonged therapeutic effect.

DOSE: 1 to 2 tablets daily.

AVAILABLE: Bottles of 100, 500.

Immediate Release

LIPO-NICIN®/250 mg.

Each yellow tablet contains:

Nicotinic Acid 250 mg.
Niacinamide 75 mg.
Ascorbic Acid 150 mg.
Thiamine HCL (B-1) 25 mg.
Riboflavin (B-2) 2 mg.
Pyridoxine HCL (B-6) 10 mg.
DOSE: 1 to 3 tablets daily.

AVAILABLE: Bottles of 100, 500.

LIPO-NICIN®/100 mg.

Each blue tablet contains:

Nicotinic Acid 100 mg.
Niacinamide 75 mg.
Ascorbic Acid 150 mg.
Thiamine HCL (B-1) 25 mg.
Riboflavin (B-2) 2 mg.
Pyridoxine HCL (B-6) 10 mg.
DOSE: 1 to 5 tablets daily.

AVAILABLE: Bottles of 100, 500.

Indications: For use as a vasodilator in the symptoms of cold feet, leg cramps, dizziness, memory loss or tinnitus when associated with impaired peripheral circulation. Also provides concomitant administration of the listed vitamins. The warm tingling flush which may follow each dose of LIPO-NICIN® 100 mg. or 250 mg. is one of the therapeutic effects that often produce psychological benefits to the patient.

Side Effects: Transient flushing and feeling of warmth seldom require discontinuation of the drug. Transient headache, itching and tingling, skin rash, allergies and gastric disturbance may occur.

Contraindications: Patients with known idiosyncrasy to nicotinic acid or other components of the drug. Use with caution in pregnant patients and patients with glaucoma, severe diabetes, impaired liver function, peptic ulcers, and arterial bleeding.

Write for literature and samples

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Something happens...



Depressive,
anxiety
AND
somatic
symptoms respond
rapidly...

without a phenothiazine

A special quality of relief typically comes early to anxious depressed patients treated with Limbitrol. For example, core depressive symptoms—feelings of guilt and worthlessness—often respond within a week. So do insomnia, anorexia, agitation, and psychic and somatic anxiety. And as the anxious depression responds, so, often do the related somatic symptoms—headache, backache, G.I. upset, palpitations.* No less important to the patient's progress is the enhanced compliance that comes with the early sense of well-being.

With Limbitrol, these striking results are obtained without the phenothiazines contained in other dual medications. The causal relationship between the phenothiazines and extrapyramidal side effects, including tardive dyskinesia, is well established. In contrast, the reported incidence of these adverse reactions with Limbitrol or either of its components is rare.

Patients should be cautioned about the combined effects with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car.

*Data on file, Medical Department, Hoffmann-La Roche Inc.

**Please see summary of product information
on following page.**

in moderate depression and anxiety

Limbitrol[®] IV

Tablets 5-12.5 each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline
(as the hydrochloride salt)

Tablets 10-25 each containing 10 mg chlordiazepoxide and 25 mg amitriptyline
(as the hydrochloride salt)

A special quality of relief



LIMBITROL® TABLETS Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated. Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs.

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extropyromidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500, Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

Continued from page 55

lawyers increase the number of malpractice suits?) Does a low reimbursement rate, on the other hand, reduce the "need" for surgery among medical assistance patients?

These are hard questions, but they must be asked; indeed, they must be answered if we are to address seriously the critical escalation in health care costs.

A still harder question, however—and one less frequently raised—is that posed by Buchwald. Are we, in turning more and more to technology, relegating diagnosis to machines and to those who operate them, to persons who lack the training of a physician and who have no contact with the patient?

Medicine is not the only field which has been revolutionized by technology. Newspaper reporters, who once pounded out their stories on manual Underwoods, are now using electronic word processors which will, with a single command, proofread for typographical errors, rearrange paragraphs, change the spelling of a name, or carry a story from newsroom virtually to the press on a magnetic tape.

Despite the technology, however, the **quality** of the story—its accuracy, its objectivity, its style, indeed its very existence—depends upon the reporter, not the machine. Word processors do not make writers; nor do food processors and microwaves produce gourmet chefs. In medicine, CAT scanners—invaluable though they may be—do not do our work for us.

There's a story about an old country doctor who had a call one day from a patient. "Mrs. Smith," his office nurse reported, "says Billy has a bad stomachache, and she wants you to make a housecall."

"It's spring," Doc said, without looking up from his prescription pad. "That family never could tolerate crabapples."

Doc didn't need an upper and lower G.I. series to make his diagnosis. He knew the patient (and two generations before him). He knew the patient's environment. And he knew the appeal crabapples hold for country youngsters in the spring.

Technology, without question, has advanced the science of medicine. Computerized radiology and laboratory procedures have made diagnoses more efficient, more thorough, more exact. But they are adjuncts to—not a substitute for—the fundamental communication between doctor and patient. That communication, coupled with the old doctor's common sense, remains the primary step in diagnosis. It should, in fact, also be the basis both for determining the need for such costly tests and a "brake" on the overutilization of them. It should, in large part, determine whether a patient should be admitted or not be admitted to the hospital.

In Sir William Osler's day there were no scanners, no computers in the lab, but his advice to young physicians remains valid today. All of us could afford to remind ourselves from time to time to "listen to the patient." He may, indeed, tell us what is wrong.

Marshall M. Johnson, Jr., MD
Pittsburgh

Reprinted with permission from the Bulletin of the Allegheny County Medical Society, January 10, 1981.

Pennsylvania Medicine, July 1981



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Pennsylvania Medicine

Vol. 84, No. 8

AUGUST 1981

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Depressive,
anxiety
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symptoms respond
rapidly...

without a phenothiazine

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Indications: Relief of moderate to severe depression associated with moderate to severe anxiety

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies.

Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated; sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects at both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500; Tel-E-Dose® packages of 100, available in trays at 4 reverse-numbered boxes at 25, and in boxes containing 10 strips at 10, Prescription Paks at 50

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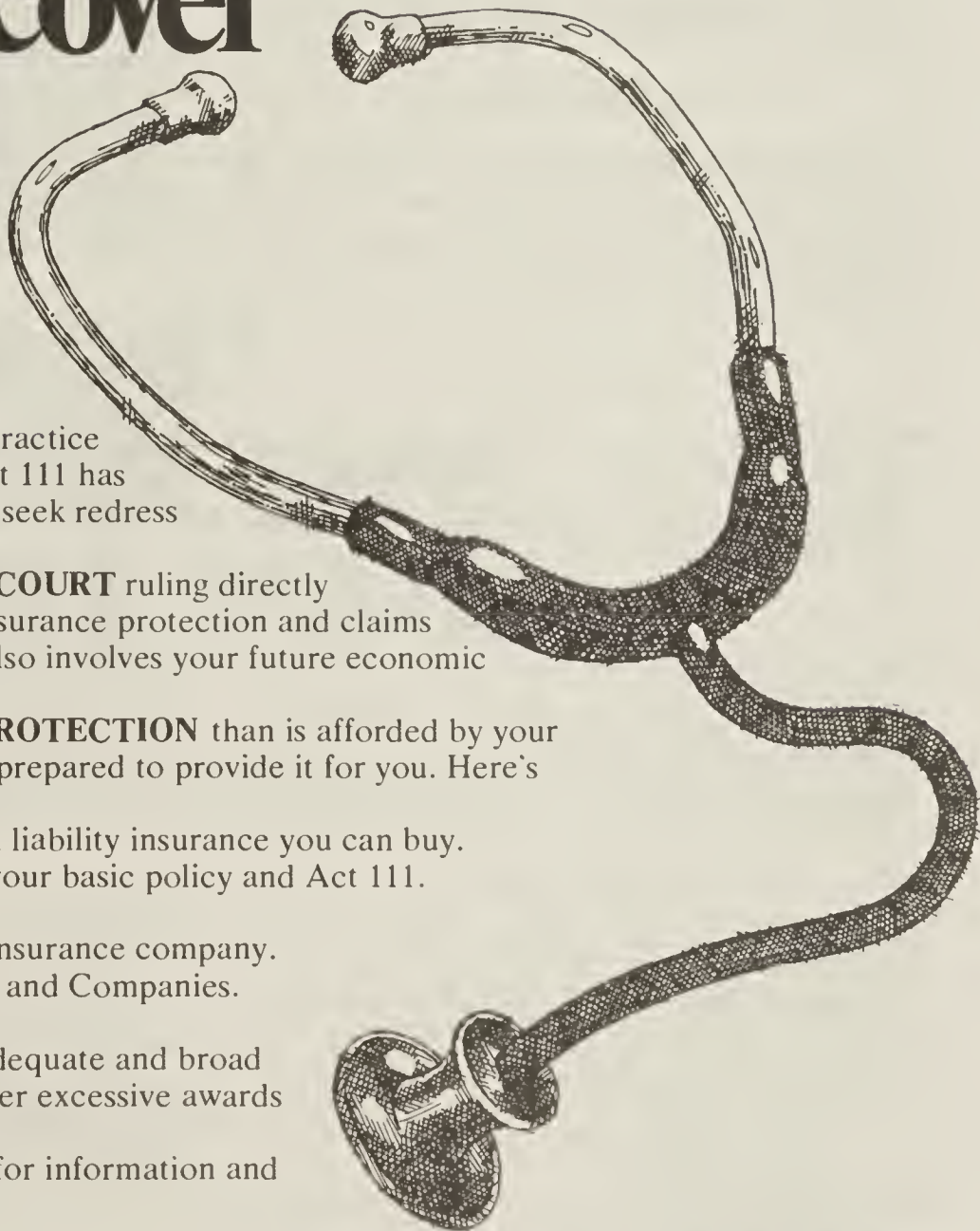
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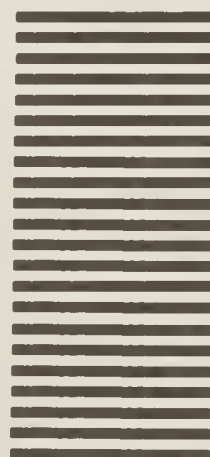
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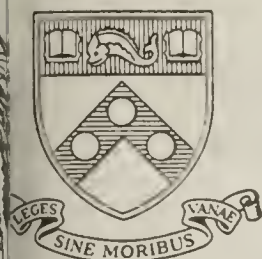
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Present Concepts in Obstetrics and Gynecology

Tuesday - Saturday, October 27 through 31

Delso-Ramon Garcia, M.D., Course Director

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Spring Courses

Surgery Update

Saturday, March 6

John Rombeau, M.D., Course Director

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Sixth Annual Nutrition Symposium

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James L. Mullen, M.D., Course Director

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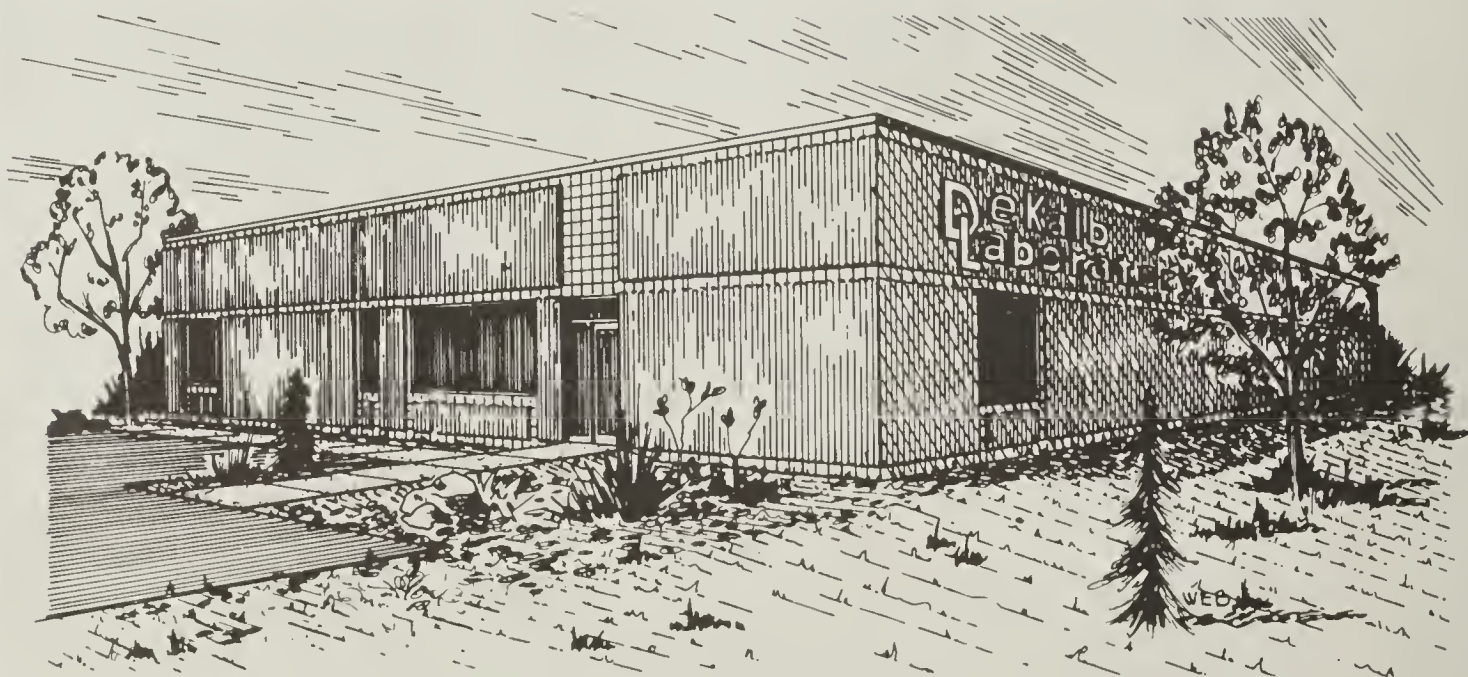


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As an organization accredited for continuing medical education, the Florida Academy of Family Physicians designates this program as meeting the criteria for 50 credit hours in Category I of the Physician's Recognition Award of the American Medical Association.

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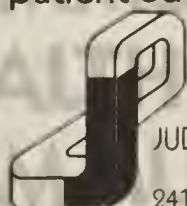
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Institute for Medical Education and Research

Continuing Education Programs

**Current Trends in Orthopaedic Surgery:
Adult, Pediatric, and Sports Medicine
Topics**

Wednesday, September 9, 1981
9:00 a.m. - 5:00 p.m.
\$65

Poison Update

Wednesday, September 23, 1981
9:00 a.m. - 5:00 p.m.
\$65

Common Problems in Family Medicine

Wednesday, October 7, 1981
9:00 a.m. - 5:00 p.m.
\$65

Neurology Update

Wednesday, October 14, 1981
9:00 a.m. - 5:00 p.m.
\$65

G.I. Disease Update

Wednesday, October 21, 1981
9:00 a.m. - 5:00 p.m.
\$65

Allergy and Infectious Diseases Update

Wednesday, October 28, 1981
9:00 a.m. - 5:00 p.m.
\$65

Emergency Medicine Update: 1981

Friday, Saturday, and Sunday
October 30, 31, and November 1, 1981
Pocono Hershey Resort, White Haven
\$120 physicians; \$60 other professionals

Pediatric Update

Thursday, November 19, 1981
9:00 a.m. - 5:00 p.m.
\$65

Concepts in Clinical Practice: 1982

Saturday and Sunday, February 13 and
14, 1982
Sheraton Inn, Danville

Update in Rheumatology

Wednesday, February 17, 1982
9:00 a.m. - 5:00 p.m.
\$65

Update in Dental Procedures

Wednesday, February 24, 1982
9:00 a.m. - 5:00 p.m.
\$65

Common Pulmonary Problems

Wednesday, March 3, 1982
9:00 a.m. - 5:00 p.m.
\$65

Update in Otolaryngology

Wednesday, March 17, 1982
9:00 a.m. - 5:00 p.m.
\$65

Urologic Update

Wednesday, March 24, 1982
9:00 a.m. - 5:00 p.m.
\$65

Dermatology Update

Wednesday, April 7, 1982
9:00 a.m. - 5:00 p.m.
\$65

Update on Corneal External Disease

Saturday, April 10, 1982
9:00 a.m. - 1:00 p.m.
\$35

Supportive Care of the Cancer Patient

Wednesday, April 14, 1982
9:00 a.m. - 5:00 p.m.
\$65

Team Approach to Sports Medicine

Wednesday, April 21, 1982
9:00 a.m. - 5:00 p.m.
\$65

Update in Cardio-Vascular Medicine

Wednesday, April 28, 1982
9:00 a.m. - 5:00 p.m.
\$65

14th Annual Special Child Conference

Saturday, May 1, 1982
9:00 a.m. - 1:00 p.m.
\$35

**Pediatric and Adolescent GYN/Teenage
Pregnancy**

Wednesday, May 5, 1982
9:00 a.m. - 5:00 p.m.
\$65

Update in Plastic Surgery

Wednesday, June 2, 1982
9:00 a.m. - 1:00 p.m.
\$35

Diabetes Update

Thursday, June 4, 1982
9:00 a.m. - 5:00 p.m.
\$65

**The Value of the Noninvasive Lab in the
Diagnosis of Cardio-Vascular Disease**

Wednesday, June 10, 1982
9:00 a.m. - 5:00 p.m.
\$65

5th Annual Pocono Course

Reviews and Recent Trends in Medicine
Thursday - Sunday, August 12-15, 1982
Pocono Hershey Resort, White Haven

As an organization accredited for continuing medical education, Geisinger Medical Center certifies that these activities meet the criteria for credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. (Refer to each program: full day, 7 credit hours; half day, 4 credit hours.)

For further information write to Millie K. Fleetwood, Ph.D., Geisinger Medical Center, Danville, PA 17821 or telephone (717) 271-6692, 24-hour answering service available.



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The Milton S. Hershey Medical Center The Pennsylvania State University Continuing Medical Education Programs

SEPTEMBER

- 17-18 Common Questions and Problems in Heart Disease*
18 Individualized Goal Planning for Patients in Long-Term Care Facilities*
28 The Low Birth Weight Survivor: Current Ideas and Outlook*

OCTOBER

- 3 14th Annual Children's Orthopaedics Meeting
Location: *The Elizabethtown Hospital, Elizabethtown, PA*
6 The Elizabethtown Hospital Adaptive Seating Seminar
Location: *The Elizabethtown Hospital, Elizabethtown, PA*
9 Conflict Resolution Strategies for Health Care Professionals*
15 Nutrition and Cancer*
22-23 UPDATE CARDIOLOGY: Noninvasive
Location: *Hotel Hershey, Hershey, PA*
22-23 3rd Annual Gerontology, Geriatrics, and the Primary Care Physician
Location: *Hotel Hershey, Hershey, PA*
23 Spina Bifida
Location: *The Elizabethtown Hospital, Elizabethtown, PA*
27 Drug Considerations in the Older Adult*

NOVEMBER

- 5 Pediatrics Day*
11 Legal Aspects of Medical Records*
12 Investment Seminar for Physicians
Location: *Hotel Hershey, Hershey, PA*
12-14 Advanced Cardiac Life Support-Provider*
13-14 Down's Syndrome Symposium*
19 Common ENT Problems in Office Practice*
19 Counseling Skills for Health Care Professionals
Location: *Hershey Lodge and Convention Center, Hershey, PA*
19-20 Regional Meeting of the Society of Teachers of Family Medicine
Location: *Hershey Lodge and Convention Center, Hershey, PA*
20 Orthopaedics - Fundamental Concepts and Techniques
Location: *Hershey Lodge and Convention Center, Hershey, PA*
20 Nutrition and Feeding Seminar
Location: *The Elizabethtown Hospital, Elizabethtown, PA*

DECEMBER

- 4 Practice Management Concepts and Cash Management for Residents*
9 Nutrition and GI Disorders*

**Unless otherwise noted, programs will be held at The Milton S. Hershey Medical Center in Hershey, PA.*

For further information contact: Continuing Education, Department 4005, The Milton S. Hershey Medical Center, Hershey, PA 17033; phone (717) 534-8898.



West Park Hospital

Ford Road and Fairmount Park, Philadelphia

(215) 878-0501

Continuing Medical Education Lectures*

Leon J. Perelman Auditorium

4:30 p.m.

September 15, 1981	New Antibiotics and Their Clinical Uses Donald Kaye, MD
October 6, 1981	Gram Negative Sepsis Oksana Korzenowski, MD
October 20, 1981	Prophylactic Antibiotics Jerome Santoro, MD
November 3, 1981	Treatment of Intra-abdominal Infection George Poporad, MD
November 17, 1981	The Use of MICs Gordon B. Fink, MD
December 1, 1981	Hepatitis Update Geoffrey Braden, MD
December 15, 1981	The Clinical Use of Cimetidine Julian Katz, MD
January 5, 1982	Approach to the Patient with Colitis Harvey Lefton, MD
January 19, 1982	How to Use Blood Products Jerome Brody, MD
February 2, 1982	Workup of the Anemic Patient Ronald Rossman, MD
February 16, 1982	Algorithms in Radiology Michael Rappoport, MD
March 2, 1982	CT Scanning Michael Rappoport, MD
March 16, 1982	Cardiac Imaging Joseph Rosen, MD
April 6, 1982	Biliary Tract Imaging Joseph Debbas, MD
April 20, 1982	Clinical Use of Newer Pharmacologic Agents in Cardiology Nelson M. Wolf, MD
May 4, 1982	Digitalis Toxicity Sheldon R. Bender, MD
May 18, 1982	Vasodilator Therapy in Heart Failure Louis Leo, MD

**One hour of Category I credit for attendees at each session.
Speakers Subject to Change*



Continuing Medical Education Programs

1981—1982

Frankford Hospital

The Wellness People

*Symposia

(Frankford Hospital, Torresdale Division)

September 16, 1981
1:00 - 4:00 p.m.

Second Annual Pulmonary Symposium

October 28, 1981
1:00 - 4:00 p.m.

Transfusion Symposium

(Practical Problems in Blood Administration)

February 16, 1982
1:00 - 4:00 p.m.

Sports Medicine Symposium

May 12, 1982
1:00 - 4:00 p.m.

Government Involvement in the Practice of Medicine

*Weekly "Continuing Medical Education Series for Physicians"

Every Tuesday
12 noon - 1:00 p.m.

Topics in Internal Medicine

at the Frankford Division, Frankford Hospital,
Frankford & Wakeling Streets
Philadelphia, PA 19124

Every Friday
12:30 - 1:30 p.m.

Topics in General Medicine

at the Torresdale Division, Frankford Hospital,
Red Lion & Knights Roads
Philadelphia, PA 19114

*Weekly "Tumor Conferences"

Every Monday alternating between the Frankford & Torresdale Divisions of the Hospital, beginning August 3, 1981 at the Frankford Division

***Network for Continuing Medical Education** - Audiovisual programs shown twice monthly at both Frankford & Torresdale Divisions of the hospital (CME credits available through NCME).

For further information contact:

Medical Staff Office
Frankford Hospital
Philadelphia, PA 19114
(215) 934-4132

As an organization accredited for continuing medical education Frankford Hospital certifies that these activities (excepting the Tumor Conferences and some NCME offerings) meet the criteria for credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association.

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Cardiothoracic Surgery

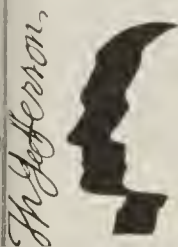
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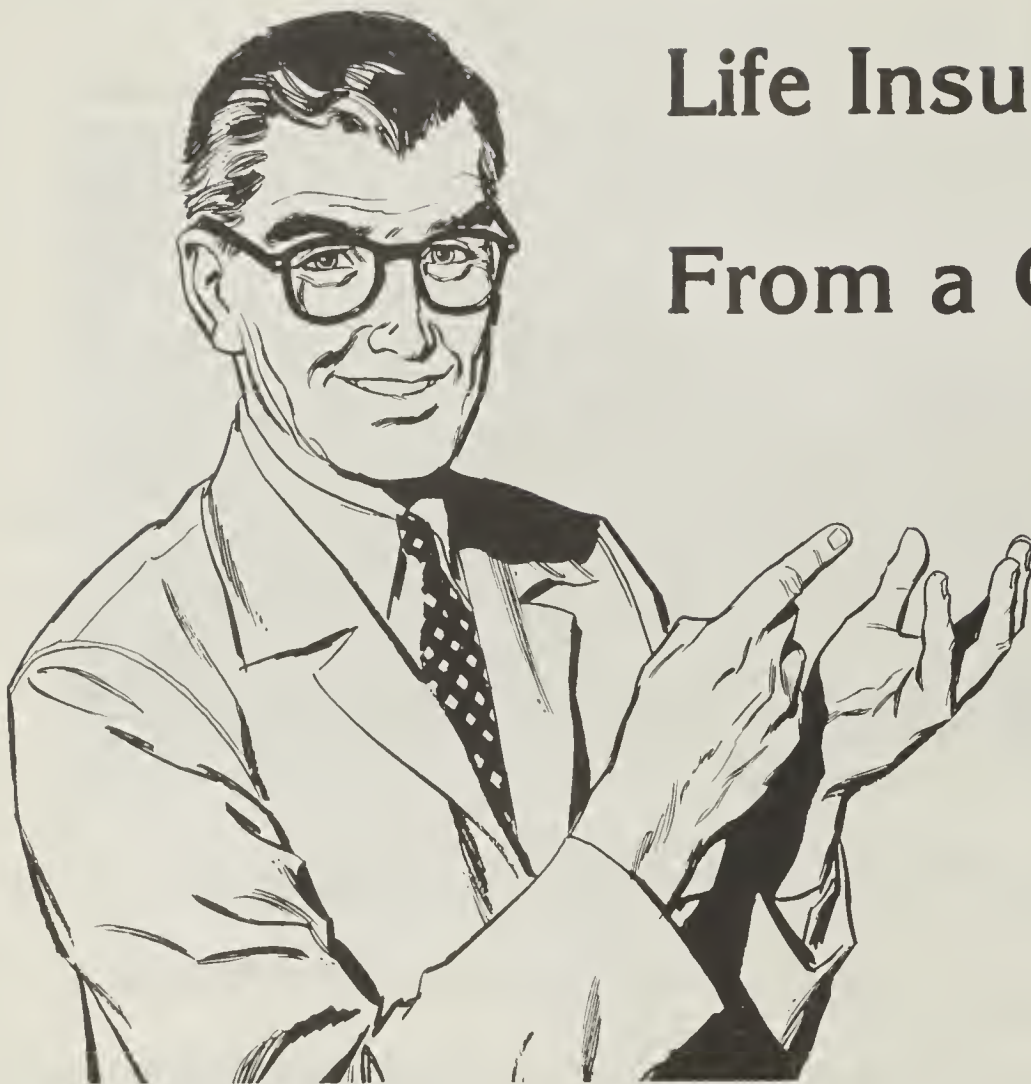
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Approved conferences for accreditation in Category I

Conference/Time & Place/Credit Hours

Dept. of Anesthesiology

1. Anesthesia Case Conference/2:00-3:00 p.m. Wednesdays/Anesthesia Conf. Rm./1
2. Anesthesia Basic Science Lecture/4:00-5:00 p.m. Thursdays (from mid-Sept. - June 18)/Anesthesia Conf. Rm./1

Dept. of Medicine

- *1. Cardiology Conference/8:00-9:00 a.m. Wednesdays/11th fl. Conf. Rm. Mercy Tower/1
2. Cardiovascular Surgical Conference/8:00-9:30 a.m. Fridays/Cath. Lab/1
- *3. Gastroenterology Conference/1:00-2:00 p.m. 2, 4, & 5 Mondays/11th fl. Conf. Rm. Mercy Tower/1
- *4. Infectious Disease Conference/1:00-2:00 p.m. 2 & 4 Wednesdays/11th fl. Conf. Rm. Mercy Tower/1
5. Medical Grand Rounds/11:00-12:30 p.m. Thursdays/4th fl. Nurses Aud./1
- *6. Nephrology Conference/1:00-2:00 p.m. 2 & 4 Fridays/11th fl. Conf. Rm. Mercy Tower/1
7. Neurology and Neurosurgery Conference/7:30-9:00 a.m. Thursdays/4th fl. Conf. Rm. Mercy Tower/1
8. Oncology Conference/4:00-5:00 p.m. Thursdays/10th fl. Conf. Rm. Mercy Tower/1

**Cancelled for August 1981*

Dept. of Obstetrics & Gynecology

1. OB/Gyne Grand Rounds/8:00-9:30 a.m. 1, 3, 4, & 5 Saturdays/5th fl. Conf. Rm. Mercy Tower/1
2. Oncology Conference/1:00-2:00 p.m. 3rd Tuesdays (every other month beginning October)/5th fl. Conf. Rm. Mercy Tower/1
3. Perinatology Conference/1:00-2:00 p.m. 1st Tuesdays/5th fl. Conf. Rm. Mercy Tower/1
4. Endocrinology Conference/1:00-2:00 p.m. 2nd Tuesdays/5th fl. Conf. Rm. Mercy Tower/1
5. Gynecology Conference/1:00-2:00 p.m. 4th Tuesdays/5th fl. Conf. Rm. Mercy Tower/1
6. OB/Ped. Meeting/1:00-2:00 p.m. 5th Tuesdays/5th fl. Conf. Rm. Mercy Tower/1

Dept. of Pathology

1. Brain Cutting Conference/1:00-2:00 p.m. Thursdays/Autopsy Rm., 1 West/1
2. Clinicopathology Conference/12:30-1:30 p.m. Wednesdays (January - June)/1 West, Pathology Conf. Rm./1
3. Gross Organ Review/12:15-1:30 p.m. Tuesdays/Autopsy Rm., 1 West/1
4. Medical Mortality Session/3:30-5:00 p.m. 1 & 3 Fridays (cancelled for August 1981)/11th fl. Conf. Rm. Mercy Tower/1
5. Surgical Mortality Review/4:30-5:30 p.m. Mondays/Path. Conf. Rm., 1 West/1
6. Surgical Slide Review/12:30-1:30 p.m. Wednesdays/3rd fl. Conf. Rm. Mercy Tower/1

Dept. of Pediatrics

1. Pediatric Grand Rounds/9:00-10:30 a.m. Tuesdays/10052 Mercy Tower/1½
2. Pediatric Mortality Session/9:00-10:00 a.m. 2nd Fridays (even months)/Pediatric Conf. Rm., 8429 Mercy Main/1
3. Pediatric Infectious Diseases/1:45-2:45 p.m. 3rd Thursdays/Pediatric Conf. Rm., 8429 Mercy Main/1

Dept. of Radiology

1. Radiology-Gastroenterology Conference/12:00-1:00 p.m. 3rd Fridays/Radiology Conf. Rm./1

Dept. of Surgery

1. General Surgical Conference/8:00-9:30 a.m. Saturdays/9th fl. Conf. Rm. Mercy Tower/1
2. ENT Grand Rounds/7:30-8:30 a.m. Wednesdays/7th fl. Conf. Rm. Mercy Tower/1
3. ENT Clinical Path. Conf./6:30-7:30 p.m. 1st Mondays/Executive Conf. Rm./1
4. Combined Orthopedic Conf./5:30-7:00 p.m. 1 & 3 Tuesdays (no August meeting)/6th fl. Conf. Rm. Mercy Tower/1½
5. Multi-Disc. Trauma Conf./5:00-6:00 p.m. 2nd Wednesdays/9th fl. Conf. Rm. Mercy Tower/1

Miscellaneous

1. Mercy Alumni Day, September 18/10:00-12:00 noon — Mini-Conferences/12:00-1:30 p.m. — Guest Speaker/3

Inquiries concerning our continuing medical education program please call Jeanne A. Cooper, MD, at (412) 232-7831, or phone the Coordinator, Miss Elaine M. Berasi, at 232-7929.

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Gettysburg PA 17325		SIVENDRAN, MD, Tharmalingam,	OPH	Pittsburgh PA 15224		Pittsburgh PA 15219		Coraopolis PA 15108	
BAST, MD, William R	U	131 Carlisle St		AMRHEIN, MD, Regis A	OPH	AYUYANG, MD, Herminia O	PTH	BATHEN, MD, Joseph J	FP
Rd 2		Gettysburg PA 17325		3939 Browneville Rd		1516 Woodstream Dr		Box 87	
Littlestown PA 17340		SOLOMON, MD, Solomon D	OBG	Pittsburgh PA 15227		Glenshaw PA 15116		Wildwood PA 15091	
BECKMAN, MD, William R	FP	17 Dickenson Court		AMSHEL, MD, Albert L	CRS	BABU, MD, Vallabhaneni S	R	BAUER, MD, Frank L	IM
Rd 2 Box 119		New Freedom PA 17349		3500 5th Ave		1124 Grouse Run Rd		Box 164	
Fairfield PA 17320		STERRETT, MD, W North	FP	Pittsburgh PA 15213		Bethel Park PA 15102		Hookstown PA 15050	
BEVILACQUA, MD, Daniel F	OPH	Arendtsville PA 17303		ANDERSON, MD, Carolyn H	PD	BACHMANN, MD, Lawrence C	PD	BAUER, MD, William F	GS
131 Carlisle St		STONER, MD, David C	FP	307 Freepord Rd		3412 Brownsville Rd		318 Heritage Dr	
Gettysburg PA 17325		R D 8		Pittsburgh PA 15215		Pittsburgh PA 15227		Pittsburgh PA 15235	
Bikle, MD, H Dwight	AN	Gettysburg PA 17325		ANDERSON, MD, Claus L	IM	BAER, MD, David G	FP	BAUERSFELD, MD, S Richard	IM
915 Fairview Ave		STRITE JR, MD, James A	ORS	4815 Liberty Ave		St Margarets Mem Hosp		4815 Liberty Ave	
Gettysburg PA 17325		453 S Washington St		Pittsburgh PA 15224		Pittsburgh PA 15201		Pittsburgh PA 15224	
CLOSSON, MD, Harold O	OS	Gettysburg PA 17325		ANDERSON, MD, Herbert H	PTH	BAHL, MD, Mohinder M	FP	BAUMAN, MD, Dorothy H	R
7 W Broadway		TRIPI, MD, Joseph E	ORS	9100 Babcock Blvd		17 Oakglen Dr		4268 Old New England Rd	
Gettysburg PA 17325		453 S Washington St		Pittsburgh PA 15237		Oakmont PA 15139		Allison Park PA 15101	
CRISPEN, MD, John W	PTH	Gettysburg PA 17325		ANDERSON, MD, Joseph B	U	BAHL, MD, Vijay K	IM	BAUMGARTEL, MD, Ira E	IM
Rd # 8 Box 197		WATSON, MD, Melvin E	PD	Rt 5 Box 53A		223 Harrow Dr		Rd #2 Box 175	
Gettysburg PA 17325		2 Charles Center		Lexington VA 24450		Pittsburgh PA 15238		Mars PA 18046	
DOO, MD, Gerald K	GS	Hanover PA 17331		ANDERSON, MD, Richard E	FP	BAHNSON, MD, David H	ORS	BAUTISTA, MD, Primo V	PTH
38 S Paca St Apt 207		WILLIAMS, MD, Charles R	FP	Suburban Gen Hosp		125 Bayard Place		408 Governor Dr	
Baltimore MD 21201		508 S Washington St		Pittsburgh PA 15202		Pittsburgh PA 15213		Allison Prk PA 15101	
GRASMICK, MD, Albert L	FP	Gettysburg PA 17325		ANDERSON, MD, Victor S	GS	BAHNSON, MD, Henry T	GS	BEACHLER, MD, John S	ORS
110 Berlin Ave		WOOD, MD, Mary E	FP	4815 Liberty Ave		U-Pittsburgh Sch Of Med		110 Ft Couch Rd	
New Oxford PA 17350		20 E High St		Pittsburgh PA 15224		Pittsburgh PA 15213		Pittsburgh PA 15241	
HALE, MD, Raymond M	FP	Gettysburg PA 17325		ANDERSON, MD, William L	FP	BAILEY, MD, Stephen R	ORS	BEALL, MD, Chester F	OBG
Box 215				128 Bertha		3611 Mccrady Rd		125 7th St	
Arendtsville PA 17303		ALLEGHENY				Pittsburgh PA 15235		Pittsburgh PA 15222	
HAMMETT, DO, James N	FP	AARONS, MD, Jerome H	IM	ANTALIK, MD, Paul E	OTO	BAILEY, MD, William R	IM	BEATTY, MD, Ralph P	OS
Box 268		Magee Hosp		515 Moreland Dr		1501 Locust St		700 Bower Hill Rd	
Fairfield PA 17320		Pittsburgh PA 15213		Pittsburgh PA 15243		Pittsburgh PA 15219		Pittsburgh PA 15243	
HAMMETT, MD, James H	FP	ABOULEISH, MD, Ezzat I	US	ANTHONY JR, MD, John J	PTH	BAIR, MD, William L	P	BECKMAN, DO, Irwin	R
Rd 1		Magee Womens Hosp		E Suburban Hlth Ctr		401 Shody Ave		320 E North Ave	
Fairfield PA 17320		Pittsburgh PA 15213		Monroeville PA 15148		Pittsburgh PA 15206		Pittsburgh PA 15212	
HAND, MD, Harold R	FP	ABRAMS, MD, Frank	IM	ANTKOWIAK, MD, Joseph G	TS	BAKER, MD, Everett M	OBG	BEGG, MD, Frank R	IM
508 S Washington St		4978 Sentinel Drive		100 Oxford Dr Apt 414		121 University Pl		314 Wildberry Rd	
Gettysburg PA 17325		Bethesda MD 20016		Monroeville PA 15146		Pittsburgh PA 15213		Pittsburgh PA 15238	
HARBACH, MD, Harrison F	FP	ABURANO, MD, Akio	PTH	ANTOS, MD, Thomas J	IM	BAKER, MD, James L	P	BEGUM, MD, Dilwara	FP
525 W Middle St		Mercy Hoap		1501 Locust St		121 University Pl		202 Harrow Dr	
Gettysburg PA 17325		Pittsburgh PA 15219		Pittsburgh PA 15219		Pittsburgh PA 15213		Pittsburgh PA 15238	
HOCH, MD, Bradley R	PD	ADATEPE, MD, Muatata H	R	APTON, MD, Jeffrey H	FP	BAKER, MD, Robert J	P	BEHUN, MD, Joseph M	R
85 W Middle St		2490 Hitching Post Dr		R D 1 Box 434		522 N Neville St		Washington Hosp	
Gettysburg PA 17325		Allison Park PA 15101		Claysville PA 15323		Pittsburgh PA 15213		Washington PA 15301	
JONES, MD, Byron C	FP	ADHAL, MD, Azzam	IM	ARAYA, MD, Clelo U	AN	BAKER, MD, Robert L	NS	BELK, MD, H Dean	ADM
Bendersville PA 17306		372 Holiday Park Dr		Braddock Gen Hosp		521 Fairview Rd		1501 Alcoa Bldg	
JONES, MD, Joseph C	R	Pittsburgh PA 15239		Braddock PA 15104		Pittsburgh PA 15238		Pittsburgh PA 15219	
Rd 8 Box 86 Woodcrest		ADKINS, MD, John C	GS	ARCH JR, MD, Francis J	OBG	BAKER, MD, Stephen D	FP	BENACK, MD, Carl A	FP
Gettysburg PA 17325		125 Desoto St		490 E North Ave #205		10 Maple Drive Rd #3		121 2D Ave	
KAGUYUTAN, MD, Allredo G	OBG	Pittsburgh PA 15213		Pittsburgh PA 15212		Wexford PA 15090		Elizabeth PA 15037	
450 S Washington St		ADLER, MD, Lawrence N	IM	ARD, MD, Robert S	FP	BAKER, MD, Walter J	OPH	BENDER, MD, Richard J	OS
Gettysburg PA 17325		Forest Hills Plz		707 Rosslyn Ave		5174 Campbells Run Rd		1803 Anderaon Rd	
KAGUYUTAN, MD, Otelia D	PD	Pittsburgh PA 15221		Springdale PA 15144		Pittsburgh PA 15205		Pittsburgh PA 15209	
450 S Washington St		AGRAWAL, MD, Radeshyam M	IM	ARENA, MD, Sebastian	OTO	BALCERZAK, MD, Stanley P	FP	BENNETT, MD, May H	US
Gettysburg PA 17325		287 Wagon Wheel Tr		1501 Locust St		217 E Main St		Box 115 Star Rt	
KRABLIN, MD, Ronald	IM	Wexford PA 15090		Pittsburgh PA 15219		Carnegie PA 15106		Spring Church PA 15686	
455 S Washington St #22		AGUILAR, MD, Alejandro F	OBG	ARGUMEDO, MD, Victor A	AN	BALK, MD, Phillip	IM	BENSY, MD, Joseph J	R
Gettysburg PA 17325		802 Patterson Rd		1893 Red Coach Rd		3500 Fifth Ave		3459 Fifth Ave Rad Dept	
LEFEVER, MD, Robert S	FP	Bethel Park PA 15102		Pittsburgh PA 15237		Pittsburgh PA 15213		Pittsburgh PA 15213	
60 York St		AHMAD, MD, Usman	IM	ARMEN, MD, Robert N	IM	BALLANTYNE, MD, James V	ORS	BENSY, MD, Oliver R	FP
Gettysburg PA 17325		Mckeesport Hosp		U S Steel Research Ctr		2040 Ardmore Blvd		4778 Liberty Ave	
LORENZO, MD, Frederick V	GS	Mckeesport PA 15132		Monroeville PA 15146		Pittsburgh PA 15221		Pittsburgh PA 15224	
453 S Washington		AHMED, MD, Adiba S	IM	ARMEY, MD, Mary C	OBG	BAMONTE, MD, Edward L	FP	BENT III, MD, George	IM
Gettysburg PA 17325		123 Vanderbilt Dr		141 Glenfield Dr		5400 Centre Ave		532 S Aikan Ste 515	
MAITLAND, MD, Leah A	FP	Pittsburgh PA 15243		Pittsburgh PA 15235		Pittsburgh PA 15232		Pittsburgh PA 15232	
50 Maple Ave		AHMED, MD, Ouzi M	OPH	ARMFIELD III, MD, Samuel L	R	BANDARANAYKE, MD, Nisantha M	AN	BENTZ, DO, William J	FP
Littlestown PA 17340		3700 Fifth Ave		522 Foltz Dr		104 Downing Dr		1017 Perry Highway	
MATHIAS, MD, Norbert P	FP	Pittsburgh PA 15213		Verona PA 15147		Pittsburgh PA 15238		Pittsburgh PA 15237	
R D #5 Box 50		AHUJA, MD, Suman	P	ARNHEIM, MD, Falk K	U	BAR-JOSEPH, MD, Gao	PD	BENZ JR, MD, George H	GS
Gettysburg PA 17325		110 Emily Dr		3471 Fifth Avenue		1858 Shaw Ave		3700 5th Ave Ste 504	
MAYO, MD, James P	OBG	Pittsburgh PA 15215		Pittsburgh PA 15213		Pittsburgh PA 15217		Pittsburgh PA 15213	
453 S Washington St		AIKEN, MD, Lucille B	IM	ARNOLD, MD, George L	IM	BARAFF, MD, Robert	N	BERG, MD, Charles F	GS
Gettysburg PA 17325		208 B Glen Andrews Dr		412 Richard Lane		4815 Liberty Ave Ste 401		733 Washington Rd	
MCARDLE, MD, Gilbert C	GS	Glenshaw PA 15116		Pittsburgh PA 15208		Pittsburgh PA 15224		Pittsburgh PA 15228	
453 S Washington St		ALBO, MD, Vincent C	OS	ARONSON, MD, Morton L	FP	BARDONNER, MD, John N	FP	BERG, MD, George	U
Gettysburg PA 17325		3515 5th Ave		725 Allegheny River		3876 Rte 8		928 Valleyview Rd	
MCARDLE, MD, M Jacquelyn	IM	Pittsburgh PA 15213		Verona PA 15147		Allison Park PA 15101		Pittsburgh PA 15243	
Rd 8		ALDISERT, MD, Caesar O	OBG	ARTHUR JR, MD, Joseph N	U	BARKER, MD, Warren J	US	BERG, MD, Saul R	OBG
Gettysburg PA 17325		4140 Brownsville Rd #108		Ste 620 Two Alleg Ctr		3811 Ohara St		110 Woodland Farms Rd	
MCCLLENATHAN, MD, James E	TS	Pittsburgh PA 15227		Pittsburgh PA 15212		Pittsburgh PA 15213		Pittsburgh PA 15238	
39 Winter Trail S W		ALEXANDER, MD, Gilbert H	R	ASHMEAD, MD, Graham G	OBG	BARMADA, MD, Bicher	TS	BERG, MD, William S	R
Fairfield PA 17320		St Francis Gen Hosp		3334 Ward St		4401 Penn Ave Ste 1900		9892 Moccasin Trail	
MEHDI, MD, Iftikhar J	OS	Pittsburgh PA 15201		Pittsburgh PA 15213		Pittsburgh PA 15224		Wexford PA 15090	
149 W Hanover St		ALEXANDER, MD, Michael A	PD	ASKIN, MD, Ralph J	FP	BARNES, MD, Letcher B	PRM	BERGER, MD, Benjamin	P
Biglerville PA 17307		D T Watson Sunny Hill		3936 Dalewood St		Gulf Oil Corp Po Bx 1188		3708 Fifth Ave	
MONDEJAR, MD, Magdatena D	PTH	Leetsdele PA 15058		Pittsburgh PA 15227		Pittsburgh PA 15230		Pittsburgh PA 15213	
Annie M Warner Hosp		ALLEN, MD, Chris M	IM	ASPIOTE, MD, John G	FP	BARNES, MD, William J	OPH	BERGER, MD, Malcolm P	N
Gettysburg PA 17325		144 N Dithridge St 515		342 Ft Couch Rd		527 Medical Arts Bldg		1040 Woodberry Rd	
MONSOUR, MD, Roy E	FP	Pittsburgh PA 15213		Pittsburgh PA 15241		Pittsburgh PA 15213		New Kensington PA 15068	
Box 228 M		ALLEN, MD, Thomas E	OBG	ASSAR, MD, Suda P	PD	BARNETT, MD, Alan J	IM	BERK, MD, David A	OPH
Gettysburg PA 17325		204 Craft Ave		860 Lincoln Ave Su 210		4221 Winterburn Ave		Mayo Clinic W-7	
PEIFFER, MD, John T	R	Pittsburgh PA 15213		Pittsburgh PA 15202		Pittsburgh PA 15207		Rochester MN 55901	
Annie Warner Hosp Rad		ALLISON, MD, Wesley C	FP	ATHANI, MD, Vijay S	U	BARNHOUSE, MD, David H	U	BERK, MD, Myles M	OPH
Gettysburg PA 17325		7412 Ealle Agerrida		1200 Center Ave Ste 450		4815 Liberty Ave		9102 Babcock Blvd	
PISULA JR, MD, Vincent P	GS	Tucson AZ 85715		Pittsburgh PA 15219		Pittsburgh PA 15224		Pittsburgh PA 15237	
2 Charles Ctr		ALPERN, MD, Algernon N	IM	ATKIN, MD, David H	AN	BARON, MD, John	PD	BERKEBILE, MD, Paul E	FP
Hanover PA 17331		3520 Fifth Ave		230 Lothrop St Pres Hosp		713 Hastings St		106 Shannon Dr	
POTTER, MD, Leonard L	FP	Pittsburgh PA 15213		Pittsburgh PA 15213		Pittsburgh PA 15206		Pittsburgh PA 15238	
12 W King St		ALTMAN, MD, Charles C	U	ATWELL, MD, Robert B	GS	BARON, MD, Maxine E	D	BERKEY, MD, Richard L	P
Littlestown PA 17340		1501 Locust St		Iroquois Bldg Suite 405		1501 Locust Street		1000 Bower Hill Rd 201	
PRIN, MD, William A	OBG	Pittsburgh PA 15219		Pittsburgh PA 15213		Pittsburgh PA 15219		Pittsburgh PA 15243	
830 Broadway		ALTMAN, MD, Louis	P	AURE, MD, Horacio S	IM	BARONE, MD, Samuel F	FP	BERKMAN, MD, Ronald O	OPH
Hanover PA 17331		601 Three Islands Blvd		142 Kilbuck Dr		813 E Warrington Ave		3471 Fifth Ave	
RADSMAN, MD, Douwe L	FP	Hallandale FL 33009		Monroeville PA 15148		Pittsburgh PA 15210		Pittsburgh PA 15213	
571 W Middle St		ALTMAN, MD, Wanda T	FP	AURE, MD, Isabel R	PD	BARR JR, MD, James H	IM	BERKOWITZ, MD, Fred	GS
Gettysburg PA 17325		5873 Darlington Rd		142 Kilbuck Dr		355 Fifth Ave		3471 Fifth Avenue	
		Pittsburgh PA 15217		Monroeville PA 15148		Pittsburgh PA 15222		Pittsburgh PA 15213	

BERKOWITZ, MD, Morton I 401 Shady Ave Pittsburgh PA 15206	P	BOKSENBAUM, MD, Mervin 9102 Babcock Blvd Pittsburgh PA 15237	D	BRANDT, MD, John W 789 Larchmont Rd Pittsburgh PA 15243	IM	BUCHDAHL, MD, Alice J 1 Essex Sq L 10 Pittsburgh PA 15206	P	CAPRINI, MD, Emilia M 1439 Penn Ave Pittsburgh PA 15221	FF
BERLIN, MD, Charles S 1226 Bellerock St Pittsburgh PA 15217	US	BOLANOVICH, MD, Lester J 121 University Place Pittsburgh PA 15213	P	BRANDY, MD, Dominic A 1550 Fallowfield Ave Pittsburgh PA 15216	EM	BUCHANAN, MD, Robert R 2676 Fernwald Rd Pittsburgh PA 15217	IM	CARRAMAN, MD, Myron 1500 Bay Rd Apt 547 Miami Beach FL 33139	FF
BERNSTEIN, MD, Edward D 4815 Liberty Ave Pittsburgh PA 15224	OBG	BOLTON, MD, Howard A 115 Evergreen Rd Pittsburgh PA 15236	IM	BRANT, MD, Noss D 60 Bradford Ave Pittsburgh PA 15205	FP	BUCK, MD, Ann L 1433 Fawcett Ave McKeesport PA 15131	R	CAREY, MD, Eva S 746 South Ave Pittsburgh PA 15221	R
BERRY, MD, George J 416 Centennial Ave Sewickley PA 15143	P	BONADIO, MD, Peter M 3411 Brookdale Dr Pittsburgh PA 15241	FP	BRASUK, MD, John L 3471 5th Ave 1st Fl Pittsburgh PA 15219	ORS	BUCK, MD, Rudolph L 1433 Fawcett Ave McKeesport PA 15131	IM	CARLIN, MD, Gerald J 1501 Locust St Pittsburgh PA 15219	OBG
BERSCHLING, MD, Chester M 232 N Craig St Pittsburgh PA 15213	P	BONDI, MD, Frank R 522 Walnut St McKeesport PA 15132	GS	BRAUN, MD, Daniel C 5700 Bunker Hill #2101 Pittsburgh PA 15208	PRM	BUCKLEW, MD, Lawrence A 4401 Penn Ave Pittsburgh PA 15224	IM	CARLINI, MD, Charles J 1138 Lekemont Dr Pittsburgh PA 15243	OBG
BERWICK, MD, Evelyn Sue 1445 Maple Dr Pittsburgh PA 15227	IM	BONDI, MD, Richard P 1177 Murray Hill Ave Pittsburgh PA 15217	GS	BRAYEMAN, MD, Bernard L 515 Sinclair St McKeesport PA 15132	OPH	BUDD, MD, Theodore R 2715 Brownsville Rd Pittsburgh PA 15227	FP	CARPENTER, MD, Samuel L 1212 Minnesota Ave Natrona Hts PA 15065	AN
BETANCOURT, MD, Sergio E 2 Allegheny Cir Pittsburgh PA 15212	GS	BONESSI, MD, John J John J Kane Hoap Pittsburgh PA 15243	FP	BREITFELD, MD, Volker 2185 Poor Richards Ln Pittsburgh PA 15237	PTH	BUERGER JR, MD, George F 3520 5th Ave Ste 401 Pittsburgh PA 15213	OPH	CARR, MD, James V 900 Broadway McKees Rocks PA 15136	GS
BHAGWANANI, MD, Drupadi G West Penn Hosp Pittsburgh PA 15224	R	BONESSI, MD, James V 1505 Lincoln Way McKeesport PA 15131	IM	BRENNAN, MD, William F 100 Bryn Mawr Ct A419W Pittsburgh PA 15221	IM	BUGGIA, MD, Mary A 1110 Highland Ct #202 Bethel Park PA 15102	EM	CARRASCO, MD, Mary M 6377 Douglas St Pittsburgh PA 15217	PD
BHUTTA, MD, Omar I 5550 Beverly Pl Pittsburgh PA 15206	P	BONET, MD, Luis 4815 Liberty Ave Pittsburgh PA 15224	IM	BRENT, MD, Lawrence B Rd 3 Wagner Rd Allison Pk PA 15101	IM	BULSECO, MD, Patricia J 825 Stanwix St Ste 1200 Pittsburgh PA 15222	OBG	CARRELL, MD, Robert L 8619 Jackson St Pittsburgh PA 15206	FP
BIANCO, MD, Antoni 2130 Fairway Ave S St Petersburg FL 33712	US	BONIFACE, MD, Dolores J 3903 Sawmill Run Blvd Pittsburgh PA 15227	OPH	BRETHAUER JR, MD, Edward A 4801 5th Ave 328 Pittsburgh PA 15213	IM	BUNDY, MD, C Merle Us Steel 600 Grant St Pittsburgh PA 15230	US	CARROLL, MD, Joseph H 86 Macfarland Dr Delray Bch FL 33444	OBG
BIGLAN, MD, Albert W 406 Dorseyville Rd Pittsburgh PA 15215	OPH	BOOKERT, MD, Charles C 471 Miller Ave Clairton PA 15025	GP	BRIANT JR, MD, William W 20 Cedar Blvd Pittsburgh PA 15226	PD	BURGARD, MD, Leonard A 7934 St Laurence Ave Pittsburgh PA 15218	FP	CARROLL, MD, Robert J 4725 McKnight Rd Pittsburgh PA 15237	IM
BIKOWSKI, MD, Joseph B 701 Broad St Sewickley PA 15143	D	BOONE, MD, Leslie J Bristol Vlg Med Ctr Waverly OH 45690	PRM	BRICE, MD, Judith A 451 Maple Ave Pittsburgh PA 15218	P	BURGER, MD, Regis F 107 Morrison Dr Pittsburgh PA 15218	GS	CARSON JR, MD, Winfield B 3361 Bethel Church Rd Pittsburgh PA 15241	FP
BILBAO, MD, Angel St Francis Gen Hosp Pittsburgh PA 15201	PRM	BOOTH, MD, George 3995 Bigelow Blvd #902 Pittsburgh PA 15213	IM	BRILLMAN, MD, Jon 320 E North Ave Pittsburgh PA 15212	N	BURKEY, MD, Fred J 20 Cedar Blvd Suite 101 Pittsburgh PA 15228	FP	CARTER, MD, Jan O 400 Penn Cir Blvd 810 Pittsburgh PA 15235	IM
BILLIAN, MD, Virginia L 121 University Pl Pittsburgh PA 15213	P	BORETSKY, MD, Harry 156 Beaconview Rd Pittsburgh PA 15237	AN	BRINK, MD, Earl J McKeesport Hoap McKeesport PA 15132	P	BURKHOLDER, MD, John A 490 E North Ave Ste 302 Pittsburgh PA 15212	GS	CARUSO, MD, David M 1731 Morningside Avenue Pittsburgh PA 15206	FP
BILLINGS, MD, Robert J 53 Academy Ave Pittsburgh PA 15226	OPH	BORGIA, MD, Frank A 1629 Union Ave Natrona Hts PA 15065	GS	BROADHEAD, MD, Richard 529 Dorseyville Rd Pittsburgh PA 15238	IM	BURT, MD, Robert C 320 E North Ave Pittsburgh PA 15212	FP	CASERIO, MD, Rebecca J Dithridge Twrs #515 Pittsburgh PA 15213	IM
BINAKONSKY, MD, Harry S 3471 Fifth Ave Pittsburgh PA 15213	IM	BORON, MD, Ronald L 6083 Boxer Dr Bethel Park PA 15106	GS	BRODMERKEL JR, MD, George J 490 E North Ave Ste 202 Pittsburgh PA 15212	IM	BUSHKOFF, MD, Stanley H 3471-5th Pittsburgh PA 15213	ORS	CASILO, MD, August V Va Hosp Leech Farm Rd Pittsburgh PA 15206	GS
BINSTOCK, MD, Harold 1412 N Euclid Ave Pittsburgh PA 15206	FP	BORRISON, MD, Joseph A 1111 Cambridge St Natrona Hts PA 15065	GS	BRON, MD, Klaus M Presbyterian-Univ Hosp Pittsburgh PA 15213	R	BUSIS, MD, Sidney N 3800 Forbes Ave Ste 301 Pittsburgh PA 15213	OTO	CASSOFF, MD, Richard G 413 Maple Lane Edgeworth PA 15143	IM
BIRRELL, MD, Donald G 204 Craft Ave Pittsburgh PA 15213	OBG	BORUS, MD, Herry E 7 N Pembroke Ave Margate NJ 08402	IM	BROOKS, MD, Daniel H 103 Camp Meeting Rd Sewickley PA 15143	GS	BUVINGER, MD, Ralph S 4264 Northern Pike Monroeville PA 15146	US	CASTELLI II, MD, Peter J 826 White Oak Circle Pittsburgh PA 15228	R
BLACK JR, MD, Harry A 409 E Main St Carnegie PA 15106	FP	BOSSE, MD, Milton D 516 Broadway Pitcairn PA 15140	IM	BROSTOFF, MD, Philip 3471 5th Ave Pittsburgh PA 15213	IM	BUZZELLI, MD, Philip B 1477 Montgomery Rd Allison Park PA 15101	OPH	CASTELLI, MD, Dario D 4115 Brownville Rd Liberty PA 15129	PS
BLACK, MD, F Owen 230 Lothrop St Rm 919 Pittsburgh PA 15213	OTO	BOTKIN, MD, Lester H 424 W Grent Ave Duquesne PA 15110	FP	BROUDY, MD, Arnold S 1055 Lyndhurst Dr Pittsburgh PA 15206	ORS	BYERS, MD, John A 9104 Babcock Blvd Pittsburgh PA 15237	GS	CASTILLENTI, MD, Guy A 830 Miller Ave Clairton PA 15025	FP
BLACK, MD, Judith E 352 Hunt Rd Pittsburgh PA 15238	US	BOTKIN, MD, Robert F 490 E North Ave Ste 400 Pittsburgh PA 15212	ORS	BROUGHER, MD, David E R D 4 Belle Vernon PA 15012	OBG	BYERS, MD, James F Mercy Health Center Pittsburgh PA 15219	OBG	CASTILLO, MD, Francisco A 2019 C Devonwood Dr McKeesport PA 15135	R
BLACK, MD, Milton H 352 Hunt Rd Pittsburgh PA 15238	AN	BOUCEK, MD, Charles M 1534 Termon Ave Pittsburgh PA 15212	FP	BROUGHER, MD, Leer E 7341 Schoyer Ave Pittsburgh PA 15216	FP	CADWALLADER, MD, William H 7422 Richland Mnr Dr Pittsburgh PA 15208	IM	CASTILLO, MD, Manuel M 1062 Towervue Dr Pittsburgh PA 15227	GS
BLAIR, MD, Albert J #4 Gateway Cir Pittsburgh PA 15222	PRM	BOUCEK, MD, Richard J 119 Federal St Pittsburgh PA 15212	OBG	BROUSSARD, MD, Elsie R 201 Lytton Ave Pittsburgh PA 15213	P	CAFARO, MD, Victor P 7132 Sansue Dr Bethel Park PA 15102	OBG	CASTRO, MD, Augustus D 412 Holland Ave Braddock PA 15104	PTH
BLAKE, MD, Karl E 490 E North Ave #405 Pittsburgh PA 15212	GS	BOURDAKOS, MD, Nicolas G 211 N Whitfield St Pittsburgh PA 15206	IM	BROWN JR, MD, James T 204 Craft Ave Pittsburgh PA 15213	OBG	CALIGUIRI, MD, Joseph V 121 Herbat Rd Coraopolis PA 15106	OBG	CASTRO, MD, Arturo F McKeesport Hosp McKeesport PA 15132	R
BLAKLEY, MD, John B 490 E North Ave Ste 400 Pittsburgh PA 15212	ORS	BOUVIER, MD, Marianne 9380 McKnight Rd Ste 102 Pittsburgh PA 15237	OPH	BROWN, MD, Andrew J 1801 West St Homestead PA 15120	GS	CALVANESE, MD, Nicholas A 1805 West St Homestead PA 15120	IM	CATENA JR, MD, William P 200 Mohawk Dr Mt Lebanon PA 15228	FP
BLANK, MD, Philip 223 Southgate Blvd Melbourne FL 32901	IM	BOWEN III, MD, Adelbert Childrens Hosp Of Pgh Pittsburgh PA 15213	R	BROWN, MD, Charles R 1004 Third St Elizabeth PA 15037	FP	CALVELO, MD, Manuel G Mercy Hosp Pittsburgh PA 15219	IM	CATENA, MD, Michael R 850 Washington Ave Carnegie PA 15106	FP
BLEYAERT, MD, Achiel L Eye & Ear Hospital Pittsburgh PA 15213	AN	BOWEN, MD, Charles P 234 Tech Rd Pittsburgh PA 15205	OBG	BROWN, MD, Robert B 134 Boxwood Rd Upr St Clair PA 15241	R	CAMBEST JR, MD, Michael A 2939 Espey Ave Pittsburgh PA 15216	AN	CERTO, MD, Salvatore A 4117 Penn Ave Pittsburgh PA 15224	GS
BLOBNER, MD, Charles G 333 Gross St Pittsburgh PA 15224	IM	BOYEK, MD, Michael F 618 Heberton St Pittsburgh PA 15206	FP	BROWN, MD, Stuart I Eye And Ear Hosp Pittsburgh PA 15213	OPH	CAMBOTTI JR, MD, Jacob E West Penn Hospital Pittsburgh PA 15224	GS	CERUL, MD, Maurice S 3515 5th Ave Ste 610 Pittsburgh PA 15213	P
BLOCKSTEIN, MD, Robert S 4800 Friendship Ave Pittsburgh PA 15224	OBG	BOYLAN, MD, Raymond J 214 Lynn Heven Dr Pittsburgh PA 15226	AN	BRUNGO, MD, John A 2341 Perrysville Ave Pittsburgh PA 15214	PD	CAMERON, MD, Donald Y 612 White Oak Circle Pittsburgh PA 15228	IM	CESSNA, MD, Gerald H Church Rd Westford PA 15090	OBG
BLOOM, MD, Joseph B 2760 Fernwald St Pittsburgh PA 15217	IM	BOZIC, MD, William F 8 Club Dr East Pittsburgh PA 15238	R	BRUNGO, MD, John D Mercy Hosp Dept Med Pittsburgh PA 15219	US	CAMERON, MD, John P 4625 Fifth Ave Apt 605 Pittsburgh PA 15213	IM	CESTELLO, MD, Robert J 878 Ridgeland Ave Pittsburgh PA 15218	IM
BLOUGH, MD, Leland S 9066 Perry Hwy Pittsburgh PA 15237	ORS	BRACKEN, MD, Mark M P O Box 563 Stinson Beach CA 94970	PTH	BRUNGO, MD, James J 2341 Perrysville Ave Pittsburgh PA 15214	FP	CAMMARATA, MD, Roy J 2445 Pin Oak Pl Pittsburgh PA 15220	IM	CHABRA, MD, Mohan L 9104 Babcock Blvd #5112 Pittsburgh PA 15237	IM
BLUESTEIN, MD, David D 733 Wash Rd Ste 201 Pittsburgh PA 15226	PD	BRADEN JR, MD, Frank R 1616 State Ave Coreopolis PA 15106	FP	BRUNN JR, MD, Henry M 97 Werwick Dr Pittsburgh PA 15241	AN	CAMPBELL, MD, Duncen G 521 East Dr Sewickley PA 15143	P	CHALFANT, MD, Richard S Babcock Blvd Ste 6107 Pittsburgh PA 15237	OBG
BLUME, MD, Robert P Mercy Hosp Pittsburgh PA 15219	N	BRADLEY JR, MD, William P 1446 State Ave Coreopolis PA 15106	FP	BRUNO, MD, Cerman S 3 Colonial Place Pittsburgh PA 15232	P	CANDELARIA, MD, Josefine M St Margaret Hosp Pittsburgh PA 15201	OBG	CHALLINOR, MD, Robert B 532 S Aiken Ave Pittsburgh PA 15232	U
BOAS, MD, Harry H 3026 Brownsville Rd Pittsburgh PA 15227	IM	BRADLEY, MD, Betty H Meyview State Hosp Bridgeville PA 15017	PD	BRUNO, MD, Jorge C 401 Wood St Pittsburgh PA 15222	OPH	CANTELOPS, MD, Jose M 211 N Whitfield St Pittsburgh PA 15206	GS	CHALLINOR, MD, S Boyd 850 Wa Rd Cyclops-101 Pittsburgh PA 15228	FP
BODE JR, MD, Frederick W 35 Holland Rd Pittsburgh PA 15235	OTO	BRADSHAW JR, MD, William A 105 Emerson Ave Pittsburgh PA 15215	PD	BRUNO, MD, Stephen C 8262 Brittany Pl Pittsburgh PA 15237	R	CANTER, MD, Harry E 217 Jenkins Bldg Pittsburgh PA 15222	IM	CHAMORRO, MD, Hector A 5230 Centre Ave Pittsburgh PA 15232	R
BODEK, MD, Alvin M 2216 Homestead Duquesne Rd West Mifflin PA 15122	FP	BRAGDON, MD, Robert W 4615 Liberty Ave Pittsburgh PA 15224	PS	BRUNSKILL, MD, Dennis E Mercy Hospital Pittsburgh PA 15219	IM	CANTER, MD, Hyman E Box 493 Pewleys Is SC 29585	OBG	CHAMOVITZ, MD, Irvin 3515 5th Ave Pittsburgh PA 15213	PD
BOEHNKE, MD, Manfred 3459 5th Ave Pittsburgh PA 15213	R	BRAMOWITZ, MD, Allen D Jefferson Cir Med Bldg Pittsburgh PA 15238	IM	BUCHANAN, MD, Edwin B 1501 Locust St Pittsburgh PA 15219	GS	CAPAROSA, MD, Ralph J 3800 Forbes Ave Pittsburgh PA 15213	OTO	CHAMOVITZ, MD, Jerome 17 Beaver Rd Sewickley PA 15143	IM
BOHARAS, MD, Saul 108 Poplar Dr Pittsburgh PA 15238	IM	BRANDON, MD, John M 2273 Clairmont Dr Upper St Clair PA 15241	PTH	BUCHANAN, MD, James L 1501 Locust St Pittsburgh PA 15219	TS	CAPLAN, MD, Paul S 3500 Fifth Ave Pittsburgh PA 15213	IM	CHAMOVITZ, MD, Robert 220 Meyran Ave Ste 101 Pittsburgh PA 15213	IM
BOICE, MD, G Newton 804 Evans Ave McKeesport PA 15132	ORS	BRANDSTETTER, MD, Louis H 1624 Kent Rd Pittsburgh PA 15241	U	BUCHANAN, MD, William K 8233 Thompson Run Rd Pittsburgh PA 15237	AN	CAPPARELL, MD, Homer V 3811 Ohere St Pittsburgh PA 15213	P	CHAMPAGNE, MD, Emily M 209 Richland Ln Pittsburgh PA 15208	P

HANDRASEKARAN, MD, Ramanurti 500 Lewis Run Rd Pittsburgh PA 15238	PD	CLARKSON, MD, William R Rt 1 Box 117F St Augustine FL 32084	IM	CORDERO, MD, Edgar C 603 Burning Tree Ct McKeesport PA 15135	GS	DATTILO, MD, James T 207 Vernon Dr Pittsburgh PA 15226	OBG	DILLINGER, MD, Ellen M 3471 5th Ave Pittsburgh PA 15213	IM
HANG, MD, Juei-Ling Eye & Ear Hosp Pittsburgh PA 15213	AN	CLEMENTS, MD, Harry H 713 Broedway McKees Rocks PA 15136	FP	CORNES, MD, Cleon L 3811 O Hera St Pittsburgh PA 15213	P	DAVIDES, MD, Kyriakos C 708 Union Natl Bldg McKeesport PA 15132	U	DILLON, MD, Daniel J 1501 Pride St Pittsburgh PA 15219	GS
HAPMAN, MD, William L 4815 Liberty Ave Pittsburgh PA 15224	IM	CLEVENGER, MD, Robert W Jenkins Bldg Ste 423 Pittsburgh PA 15222	OTO	COROSO, MD, Joseph G 6149 Saltsburg Rd Verona PA 15147	FP	DAVIS JR, MD, Rollin V 3946 Wm Penn Highway Monroeville PA 15146	FP	DIMARCO, MD, Ross F 500 Lewis Run Rd Pittsburgh PA 15238	TS
HARLSON, MD, Murray T 401 Shedy Ave Ste D105 Pittsburgh PA 15208	P	CLEVER, MD, John E 100 Delefeld Rd Ste 213 Pittsburgh PA 15215	OBG	CORPUZ JR, MD, Marcelo B 1400 Centre Ave Pittsburgh PA 15219	IM	DAVIS, MD, Donald D 9104 Babcock Blvd 2106 Pittsburgh PA 15237	GS	DIMITSOPULOS, MD, Dimitri Homestead Hosp Homestead PA 15120	AN
HARNY, MD, E Joseph 3700 Fifth Ave Pittsburgh PA 15213	P	CLOHECY, MD, Robert J Hermerville Reheb Ctr Pittsburgh PA 15238	FP	CORRADO JR, MD, Albert V 4716 Ellsworth Ave Pittsburgh PA 15213	P	DAVIS, MD, Ezer H 200 White Hempton Lane Pittsburgh PA 15238	P	DIMUN, MD, Michael F 135 East Melf Pleze Carnegie PA 15108	OPH
HASLER, MD, Charles N Megee-Womans Hosp Pittsburgh PA 15213	R	COHEN, MD, Bernard I 636 Two Allegheny Ctr Pittsburgh PA 15212	PS	CORRAL, MD, Celestino F 2706 Brownville Pittsburgh PA 15227	U	DAVIS, MD, Earle R Coel Valley Rd Jeff Ctr Pittsburgh PA 15238	PTH	DINEEN, MD, Francis A 108 Woodshire Rd Pittsburgh PA 15215	IM
HAUDHRY, MD, Reht M 604 Evans Ave McKeesport PA 15132	IM	COHEN, MD, Herold M 3400 Forbes Ave Pittsburgh PA 15213	OBG	CORSELLO, MD, Guy R 2342 Golfview Dr Pittsburgh PA 15241	N	DAVIS, MD, John G 7083 Sa Redbird Cir 14B Hobe Sound FL 33455	FP	DINMAN, MD, Bertram D 1501 Alcoe Bldg Pittsburgh PA 15219	PRM
HAUHAN, MD, Ambarem V 509A S Magnolia Dr Glenshaw PA 15116	IM	COHEN, MD, Larry K 215 First Ave Tarentum PA 15084	D	CORSELLO, MD, Whitney C 1300 Termon Ave Pittsburgh PA 15212	GS	DAVIS, MD, James S 5600 Penn Ave Pittsburgh PA 15206	NS	DISHART, MD, Paul W 3036 Sturbridge Ct Allison Park PA 15101	IM
HEEVER, MD, Francis S 30 Pond Rd Wellesley MA 02161	US	COHEN, MD, Leonard M 4934 Perkvue Dr Pittsburgh PA 15238	FP	COSTA, MD, Frank 647 Allegheny Ave Oakmont PA 15139	FP	DAVIS, MD, Norman 3500 5th Ave Pittsburgh PA 15213	IM	DISILVIO, MD, Dominic N 144 N Dithridge St Pittsburgh PA 15213	GS
HENG, MD, Vincent S Preaby Univ Hospital Pittsburgh PA 15213	R	COHEN, MD, Menrad L 4815 Liberty Ave Pittsburgh PA 15224	TS	COSTAMAGNA, MD, Hector H 532 S Aiken Ave Ste 307 Pittsburgh PA 15232	GS	DAVIS, MD, Robert E St Francis Gen Hosp Pittsburgh PA 15201	GS	DOBLER, MD, James C 939 Coast Blvd Lafayette CA 92037	US
HEPONIS, MD, George B 1200 Merchant St Ambridge PA 15003	FP	COHEN, MD, Norman F 6300 Derlington Rd Pittsburgh PA 15217	IM	COTTER, MD, Relp E 1938 Hempstead Dr Pittsburgh PA 15235	FP	DAWSON, MD, Reese E 733 Washington Rd Pittsburgh PA 15226	OBG	DOBLER, MD, Lee C 526 Perryville Ave Pittsburgh PA 15229	FP
HERUP, MD, E David 4988 Liberty Rd Bethel Park PA 15102	FP	COHEN, MD, Peter Z 3471 Fifth Ave Pittsburgh PA 15232	US	COWAN, MD, Thomas W 4075 Jenkins Arcade Pittsburgh PA 15222	ORS	DAWSON, MD, William N 902 Old Fountain Place Hermitage TN 37076	PRM	DOBROWOLSKI, MD, Norbert F 1108 Lincoln Hwy Ste A N Versailles PA 15137	FP
HETLIN, MD, Stuart H 3471 Fifth Ave Pittsburgh PA 15213	GS	COHEN, MD, Richard L 3811 Ohera St Pittsburgh PA 15261	P	COYLE, MD, Robert M 1000 Bower Hill Rd Pittsburgh PA 15243	IM	DAY, MD, James H 147 Glenwood Dr Monroeville PA 15146	ORS	DOEBLER, MD, Robert W 1099 Ohio River Blvd Sewickley PA 15143	U
HETLIN, MD, Sherwood M 985 Scaife Hall U Of Pgh Pittsburgh PA 15261	IM	COHN, MD, Howard C 1024 King Ave Pittsburgh PA 15208	OPH	COYLE, MD, Sophie J 1910 Murdstone Rd Pittsburgh PA 15234	PRM	DEAN, MD, Robert J 1160 Bower Hill Rd Pittsburgh PA 15243	IM	DOFT, MD, Bernard H 230 Lothrop St Pittsburgh PA 15213	OPH
HICO, MD, Luro V 4796 Oakridge Dr Pittsburgh PA 15227	OS	COLATRELLA, MD, Anthony M 112 Marshall Dr Pittsburgh PA 15226	IM	COZZA JR, MD, Michael R 52 Holland Rd Pittsburgh PA 15235	U	DEBLASIO, MD, Silvio H 229 Howe-Run Rd Server PA 16055	OTO	DOMOLKY, MD, Merianne 121 University Place Pittsburgh PA 15213	P
CHILDS, MD, Elizabeth R 116 Crett Ave Pittsburgh PA 15213	IM	COLE, MD, Charles E 6135 Perry Hwy Pittsburgh PA 15237	FP	CRAMER, MD, George E 105 Emerson Ave Pittsburgh PA 15215	FP	DECHTER, MD, Joseph M 1014 Golfview Dr McKeesport PA 15135	FP	DONALDSON, MD, David H 3400 S Park Rd Bethel Park PA 15102	FP
CHOI, MD, Seen H 1705 Fewcett Ave McKeesport PA 15131	IM	COLEMAN, MD, Donald J 302 Wildberry Rd Pittsburgh PA 15238	P	CRETEKOS, MD, Constantine J 300 Mt Lebanon Blvd 302 Pittsburgh PA 15234	P	DEE, MD, William F 1807 West St Homestead PA 15120	FP	DONALDSON, MD, John S 6925 80th Place Scottsdale AZ 85256	ORS
CHOLAPRANEE, MD, Rewet St Francis Gen Hosp Pittsburgh PA 15201	IM	COLLINS JR, MD, Richard F 179 Warwick Dr Pittsburgh PA 15241	ORS	CRISP, MD, Lao H 708 Bigelow Sq Pittsburgh PA 15219	IM	DEGREGORIO, MD, Nicholas 107 Meyleir Dr Pittsburgh PA 15226	IM	DONALDSON, MD, William F 126 N Craig St Pittsburgh PA 15213	ORS
CHORAZY, MD, Anna J 131 Washington Rd Pittsburgh PA 15221	PD	COLLINS, MD, Lawrence A 490 E North Ave Ste 207 Pittsburgh PA 15212	U	CRISCITIELLO, MD, Ronald P 5600 Munhall Rd #701 Pittsburgh PA 15217	IM	DETRICK, MD, Richard E Allegheny Gen Hosp Pittsburgh PA 15212	OBG	DONNELLY III, MD, Edward J 510 S Linden Ave Pittsburgh PA 15208	IM
CHOUGH, MD, Andrew C 1505 Lincoln Way McKeesport PA 15132	IM	COMSTOCK, MD, Lloyd K 2550 Mossdale Blvd Monroeville PA 15146	FP	CRITTENDEN, MD, James O 1227 Turquesa Ln Pac Palisades CA 90272	FP	DEKKER, MD, Andrew Desoto At Ohera St Pittsburgh PA 15213	PTH	DONOVAN, MD, Francis C 733 Washington Rd Pittsburgh PA 15226	P
CHRISTIAN, MD, Horece D P O Box 63 Wexford PA 15090	GS	CONCILUS, MD, Frank St Clair Hoap Pittsburgh PA 15243	IM	CROWLEY, MD, Patricia A 2708 Brownsville Rd Pittsburgh PA 15227	OBG	DELAVEGA, MD, Solronio B Megee Womens Hosp Pittsburgh PA 15213	AN	DONOVAN, MD, John J 4401 Penn Ave Ste 1400 Pittsburgh PA 15224	IM
CHRISTIE, MD, Kerl B 3 W Prospect Ave Pittsburgh PA 15205	FP	CONE, MD, Alexander S 525 Locust Pl Pittsburgh PA 15143	FP	CROZIER, MD, Phyllis A St Johns Hoap Pittsburgh PA 15212	R	DELEO, MD, Anthony G 2927 Glenmore Ave Pittsburgh PA 15216	FP	DONOVAN, MD, Robert J 9102 Babcock Blvd Pittsburgh PA 15237	IM
CHRISTY, MD, Wellece C 3601 Fifth Ave Pittsburgh PA 15213	IM	CONGEDO, MD, Carol Z 227 Lehigh St Edgewood PA 15218	GS	CRUM, MD, George E 859 Larchmont Rd Pittsburgh PA 15243	IM	DELEON, MD, Manuel R Box 16119 Coal Valley Rd Pittsburgh PA 15236	PTH	DORMAN, MD, Franklin L 233 Rock Run Rd Elizabeth PA 15037	FP
CHUENSUMRAN, MD, Ongart 9066 Perry Highway Pittsburgh PA 15237	IM	CONKLIN, MD, James E 3600 Forbes St Pittsburgh PA 15213	PS	CUDDEBACK, MD, Thomas J 1204 Gallupe Dr Pittsburgh PA 15226	FP	DELOGLOS, MD, Gust Heinlein Med Ctr Coreopolis PA 15108	GS	DORNENBURG, MD, James R 3534 Laketon Rd Pittsburgh PA 15235	GS
CHUENSUMRAN, MD, Rejani S 2000 Glenwood Ave Joliet IL 60434	AN	CONLON, MD, Francis W 7 Clementine Ct Apt 1D Baltimore MD 21237	FP	CUMMINGS, MD, Clarence W 112 Bellevue Ave Pittsburgh PA 15229	FP	DELSEONE, MD, Eugene W 617 Edgewood Rd Pittsburgh PA 15221	AN	DOSHI, MD, Merendre S Centrel Med Pavilion Pittsburgh PA 15219	OBG
CHUGHTAI, MD, Arashed I 1519 King John Dr Pittsburgh PA 15237	IM	CONN, MD, William V 5025 5th Ave Apt 2-A Pittsburgh PA 15232	IM	CUNNINGHAM, MD, James G 232 3rd Ave Carnegie PA 15106	FP	DEMEDIO, MD, Gabriel A 612 Miller Ave Clairton PA 15025	FP	DOUDS, MD, Howard N 733 Washington Rd Pittsburgh PA 15226	IM
CHUNG, MD, Yoon J St Francis Gen Hosp Pittsburgh PA 15201	PM	CONNOLLY, MD, David P 4401 Penn Ave Ste 1060 Pittsburgh PA 15224	GS	CUSHING, MD, William J 209 Buckingham Rd Pittsburgh PA 15215	TS	DENVER, MD, Stanley D 935 Thorn Run Rd Corapolis PA 15108	OBG	DOUGHERTY, MD, Relp N 806 Peoples Union Bk Bdg McKeesport PA 15132	GS
CIAMBOTTI, MD, Albert F 409 Shaw Ave McKeesport PA 15132	D	CONSTANTINO JR, MD, Abreham A Columbia Hospital Pittsburgh PA 15221	GS	CUTULY, MD, Eugene 544 Miller Ave Clairton PA 15025	FP	DEROY, MD, Meyer S 126 N Craig St 614 Pittsburgh PA 15213	ORS	DOYLE, MD, Alred P 444 Woodland Rd Sewickley PA 15143	IM
CICCARRELLI, MD, Harold E 1238 Greystone Dr Pittsburgh PA 15241	AN	CONTRACTOR, MD, Farhad M Allegheny Gen Hosp Pittsburgh PA 15212	R	DACOSTA, MD, Joao B 1204 Star Ridge Rd Pittsburgh PA 15241	AN	DESAI, MD, Jitendre M 453 Olive Dr Pittsburgh PA 15237	U	DRAGAN, MD, George A 424 St Clair Ave Clairton PA 15025	FP
CICCHINO, MD, Frank E 2006 Cerson St Pittsburgh PA 15203	U	CONWAY 3RD, MD, John W 861 Northridge Dr Pittsburgh PA 15216	P	DAILEY, MD, Herry R St Francis Hosp Pittsburgh PA 15201	OBG	DESAI, MD, Saryu J 453 Olive St Pittsburgh PA 15237	AN	DREW, MD, Frances L U Of Pgh Scaife Hill M252 Pittsburgh PA 15261	PRM
CIGANIC, MD, Ratimir R 2652 Glenchester Rd Wexford PA 15090	R	COOK, MD, David R 125 Desoto St Pittsburgh PA 15213	AN	DALY, MD, Christopher J 4401 Penn Ave Pittsburgh PA 15224	GS	DETRE, MD, Thomas 3811 Ohera St Pittsburgh PA 15261	P	DUA, MD, Rup K West Penn Hosp Pittsburgh PA 15224	AN
CIGNETTI, MD, Franklin E 2545 Mossdale Blvd Monroeville PA 15146	OPH	COOPER JR, MD, Paul N 2233 Conatitub Blvd McKeesport PA 15135	AN	DAMESHEK, MD, H Lee 3600 Forbes Av Ste 305 Pittsburgh PA 15213	IM	DEUTSCH, MD, Melvin Prasbyterian Univ Hosp Pittsburgh PA 15213	R	DUERKSEN, MD, Roger L 4815 Liberty Ave Pittsburgh PA 15224	OTO
CINCALA, DO, Robert P 2 Allegheny Ctr Ste 622 Pittsburgh PA 15212	IM	COOPER, MD, Jeanne A Mercy Hoap Pittsburgh PA 15219	PTH	DANKO, MD, Eugene T 9 Fairway Rd Sewickley PA 15143	R	DHAWAN, MD, Rem L Montefiore Hosp Pittsburgh PA 15213	IM	DUFFY, MD, Clyde F 5134 Butler St Pittsburgh PA 15201	FP
CITRONE, MD, Peter J 510 Dorseyville Rd Pittsburgh PA 15238	GS	COOPER, MD, William M 4815 Liberty Ave Pittsburgh PA 15224	IM	DANOFF, MD, Mike 500 Lewis Run Rd Pittsburgh PA 15236	IM	DIAMOND, MD, Daniel L 114 Crescent Dr Pittsburgh PA 15226	GS	DUFFY, MD, Frederick C 4401 Penn Ave Pittsburgh PA 15224	IM
CIVITARESE, MD, Louis R 1004 Arch St Rm 307 Pittsburgh PA 15212	GS	COORAY, MD, Charles N Montefiore Hosp Dpt Rsd Pittsburgh PA 15213	R	DANOWSKI, MD, Thaddeus S 5230 Centre Ave Pittsburgh PA 15232	IM	DIAZ, MD, Rebecca A 5910 Clearcrest Dr Houston TX 77059	R	DUKER, MD, Daniel G 9100 Babcock Blvd Pittsburgh PA 15237	AN
CLARE, MD, David W 532 S Aiken Ave Pittsburgh PA 15232	GS	COPELAND, MD, Charles E 101 Sheron Dr Pittsburgh PA 15221	GS	DANTINI JR, MD, Daniel C 220 Essex Knoll Coropolis PA 15108	OTO	DICKINSON, MD, Peter A 545 McElheny Rd Glenshaw PA 15116	IM	DULABON, MD, George M 9002 Frankstown Rd Pittsburgh PA 15235	IM
CLARK, MD, William H 3108 Middletown Rd Pittsburgh PA 15204	FP	COPELAND, MD, Jay S 8 Jaycee Dr Pittsburgh PA 15243	U	DANTONIO, MD, James A 1099 Ohio River Blvd Sewickley PA 15143	ORS	DICOLA, MD, Nancy M 10 Rochester Rd Pittsburgh PA 15229	PD	DUNBAR, MD, John C 507 Liberty Ave Pittsburgh PA 15222	OPH
CLARKE, MD, Charles E 1099 Ohio River Blvd Sewickley PA 15143	IM	CORBA, MD, Joseph S 2912 Glenmore Ave Pittsburgh PA 15216	FP	DASTUR, MD, Khurshed J Dept Of Rad Mercy Hosp Pittsburgh PA 15219	R	DIETRICH, MD, C Wallace 993 Greentree Rd Pittsburgh PA 15220	GS	DUNCAN, MD, James R 208 S Trenton Ave Pittsburgh PA 15221	GS
CLARKE, MD, Robert H 1500 Cochran Rd 506 Pittsburgh PA 15243	AN	CORCORAN, MD, Albert W 4401 Penn Ave Ste 1200 Pittsburgh PA 15224	OBG	DATTA, MD, Tspen D Citizens Gen Hospital New Kensington PA 15068	AN	DIEZ, MD, Charles M 246 Tech Rd Pittsburgh PA 15205	OBG	DUNDORE JR, MD, William C West Penn Hoap Pittsburgh PA 15224	OBG

DUNEGAN, MD, Lawrence A	PD	ERSTLING, MD, Christopher M	P	FINEGOLD, MD, Richard A	U	FRIDAY, MD, Rupert H	OBG	GELET, MD, Theodore R	IM
119 Woodland Dr		121 University Pl		Professional Plaza 104		1501 Locust St Rm 401		1501 Locust St	
Pittsburgh PA 15228		Pittsburgh PA 15213		North Chertleroi PA 15022		Pittsburgh PA 15219		Pittsburgh PA 15219	
DUNMIRE, MD, Lester A	GS	ESPOSITO, MD, Francis A	PD	FINEGOLD, MD, Wilfred J	OBG	FRIEDLANDER, MD, Myron	IM	GENERETT, MD, William O	OBG
4800 Friendship Ave		715 N Highland Ave		4940 Bayard St		532 S Aiden Ave		200 N Murland Ave	
Pittsburgh PA 15224		Pittsburgh PA 15206		Pittsburgh PA 15213		Pittsburgh PA 15232		Pittsburgh PA 15208	
DURKAN, MD, Gerald	N	EVANS, MD, Richard S	FP	FINESTONE, MD, Stephen C	AN	FRIEDMAN, MD, Abraham W	IM	GENTILE, MD, Anthony F	OBG
4947 Wallingford Rd		6 Oxford Rd		15 Petrice Ct		230 N Creig St		818 Keith Rd	
Pittsburgh PA 15213		Pittsburgh PA 15202		Pittsburgh PA 15221		Pittsburgh PA 15213		Bethel Park PA 15102	
DURNING, MD, Robert P	ORS	EVANS, MD, Thos M	OPH	FINGERET, MD, Arnold E	GS	FRIEDMAN, MD, Hartford W	R	GEORGE, MD, John J	AN
490 E North Ave		401 Wood St Arrott Bldg		3471 Fifth Ave		363 S Highland Ave 901		South Side Hosp	
Pittsburgh PA 15212		Pittsburgh PA 15222		Pittsburgh PA 15213		Pittsburgh PA 15206		Pittsburgh PA 15203	
EASLER, MD, Richard E	PTH	EVERETT, MD, William G	OPH	FINKELHOR, MD, Howard B	N	FRIEDMAN, MD, Louis L	OTO	GEORGE, MD, James M	OBG
West Penn Hosp		1420 Center Ave		4815 Liberty Ave		6315 Forbes Ave Apt 508		809 West St	
Pittsburgh PA 15224		Pittsburgh PA 15219		Pittsburgh PA 15224		Pittsburgh PA 15217		Pittsburgh PA 15221	
EASTMAN, MD, George	IM	FABIAN, MD, Ralph G	US	FINLAY, MD, James W	OPH	FRITZ, MD, Elmer M	AN	GEORGE, MD, Robert N	U
102 Old Clairton Rd		9399 Beacock Blvd		933 Field Club Rd		1500 5th Ave		8238 Post Rd	
Pittsburgh PA 15236		Allison Park PA 15101		Pittsburgh PA 15238		Mc Keesport PA 15132		Allison Park PA 15101	
EASTMAN, MD, Laura B	FP	FABRY, MD, Edward I	U	FISCHL, MD, Edwin C	GS	FRIDEY, MD, Raymond J	US	GERARD, MD, Joseph A	IM
102 Old Clairton Rd		701 Broad St		166 Bleck Oak Drive		Royal York Apts		180 Pineview Dr	
Pittsburgh PA 15238		Sewickley PA 15143		Pittsburgh PA 15220		Pittsburgh PA 15213		Westford PA 15090	
EBERSOLE, MD, Pauline M	US	FAILLA, MD, Jack P	FP	FISHER, MD, Bernard	GS	FRONCZEK, MD, William M	FP	GERBER, MD, Michael L	TS
229 Peach Alley		R D 4 Fairhill Rd		3550 Terrence St		341 S Winebiddle St		532 S Aiken Ave	
Elizabethtown PA 17022		Sewickley PA 15143		Pittsburgh PA 15281		Pittsburgh PA 15224		Pittsburgh PA 15232	
EBERZ, MD, Dennis A	IM	FALVO, MD, Ernest A	IM	FISHER, MD, Curtis K	IM	FRONDUTI, MD, Robert L	US	GERNETH, MD, George J	OPH
108 Seeger Rd		1501 Locust St		10280 Twin Hills Rd		245 Gateway Towers		2400 Ardmore Blvd 202	
Pittsburgh PA 15241		Pittsburgh PA 15219		Westford PA 15090		Pittsburgh PA 15222		Pittsburgh PA 15221	
EDBERG, MD, Sanford H	PTH	FARKAS, MD, Ferial R	FP	FISHER, MD, Don L	IM	FULCINITI, MD, Rocco A	OBG	GHATE, MD, Shered B	OBG
Suburban Gen Hosp Lab		1500 5th Ave		320 E North Ave		1430 Lincoln Wey		Ben Franklin Med Ctr	
Pittsburgh PA 15202		McKeesport PA 15132		Pittsburgh PA 15212		McKeesport PA 15131		Indiana PA 15701	
EDELSTEIN, MD, Norman L	OPH	FARMER, MD, Lenore	P	FISHER, MD, Gail	IM	FULLER, MD, Garry L	AN	GHATNEKAR, MD, Jai V	GS
1605 Lincoln Wey		4719 Wallingford St		210 O'Here Menor Dr		105 Bentley Dr		S Magnolia Dr Apt 506A	
McKeesport PA 15131		Pittsburgh PA 15213		Pittsburgh PA 15238		Pittsburgh PA 15238		Glenshaw PA 15118	
EDWARDS, MD, John W	AN	FARNEY, MD, Esther S	D	FISHER, MD, Stephen N	R	FULLER, MD, Virginia S	AN	GHOSHHAJRA, MD, Kelyanmay	R
1211 Florida Ave		211 N Whitfield St		1252 Malvern St		Megee Womens Hosp		238 Benbury Ln	
Nastrona Hgts PA 15065		Pittsburgh PA 15206		Pittsburgh PA 15217		Pittsburgh PA 15213		Pittsburgh PA 15220	
EDWARDS, MD, Mery D	PD	FARRELL, MD, Edward L	FP	FISHER, MD, T Forrest	PRM	FUNT, MD, Loren	D	GIALAMAS, MD, Antonio	PTH
6652 Ridgeville St		110 Ft Couch Rd		600 Grant St Rm 720		20 Cedar Blvd Ste 203		3700 Fifth Ave	
Pittsburgh PA 15217		Pittsburgh PA 15241		Pittsburgh PA 15230		Pittsburgh PA 15228		Pittsburgh PA 15213	
EDWARDS, MD, William M	GS	FATUR, MD, Leo M	IM	FISHKIN, MD, Hymel	GS	FUSCO, MD, Robert D	IM	GIBSON JR, MD, Roy L	PRM
6910 Meade St		20 Cornell Pl Apt D-1		312 Corbet St		701 Broad St		2109 Gull Bldg	
Pittsburgh PA 15208		Mt Lebanon PA 15228		Tarentum PA 15084		Sewickley PA 15143		Pittsburgh PA 15222	
EGERMAN, MD, Leonard E	P	FAWCETT, MD, James L	U	FITTING JR, MD, George M	AN	FUSIA, MD, Joseph F	FP	GIBSON, MD, William E	OBG
6558 Northumberland St		701 Broad St		1400 Locust St		778 14th St		500 Finley St	
Pittsburgh PA 15217		Sewickley PA 15143		Pittsburgh PA 15219		Oakmont PA 15139		Pittsburgh PA 15206	
EHLER, MD, Joen G	P	FECZKO, MD, William A	R	FLEMING, MD, Arthur W	US	FUTRELL, MD, J William	PS	GIBSON, MD, William S	D
3811 O Here St		217 Highland Rd		2400 Ardmore Blvd 202		1117 Scaite Hill U Pgh		3700 Fifth Ave	
Pittsburgh PA 15213		Pittsburgh PA 15238		Pittsburgh PA 15221		Pittsburgh PA 15261		Pittsburgh PA 15213	
EICHMILLER, MD, John P	AN	FEIST, MD, John H	R	FLEMING, MD, Richard M	P	GABOS, MD, Charles W	FP	GILBERTI, MD, Frank F	AN
427 Bailey Ave		3601 Fifth Ave		230 N Craig St		3722 California Ave		441 Cypress Hill Dr	
Pittsburgh PA 15211		Pittsburgh PA 15213		Pittsburgh PA 15213		Pittsburgh PA 15212		Pittsburgh PA 15235	
EILER, MD, William A	IM	FELDER, MD, Herman	OTO	FLINN, MD, James E	PD	GABOS, MD, Paul F	OBG	GILBERTI, MD, Michael V	GS
2 Getaway Cir		3447 Forbes Ave		258 Sietorth Ave		4815 Liberty Ave		201 Hillcrest Rd	
Pittsburgh PA 15222		Pittsburgh PA 15213		Pittsburgh PA 15216		Pittsburgh PA 15224		Pittsburgh PA 15238	
EINHORN, MD, Jerzy	IM	FELTWEILL JR, MD, Peter M	R	FLOW, MD, David M	FP	GAFFNEY, MD, Paul C	PD	GILL III, MD, Thomas J	PTH
Montefiore Hosp		Sewickley Valley Hosp		3457 Ward St		125 Desoto St		Univ Of Pgh	
Pittsburgh PA 15213		Sewickley PA 15143		Pittsburgh PA 15213		Pittsburgh PA 15213		Pittsburgh PA 15213	
EISEN, MD, Howard B	R	FERDERBER, MD, Murrey B	PM	FOGEL, MD, Stewart R	R	GAISFORD, MD, John C	PS	GILLINGER, MD, William A	OBG
Montefiore Hosp		Box 265		3520 5th Ave Ste 100		4815 Liberty Ave		1211 Minnesota Ave	
Pittsburgh PA 15213		Setsume FL 32089		Pittsburgh PA 15213		Pittsburgh PA 15224		Netrona Hgts PA 15065	
EISENBEIS JR, MD, Carl H	IM	FERGUSON JR, MD, Albert B	ORS	FOIGHT, MD, Jean R	OPH	GALVIS, MD, Antonio G	PD	GILLIS, MD, Robert T	OPH
Perk Bldg 355 5th Ave		125 De Soto St		5829 Holden St		229 Ohara Menor Dr		416 Isabelle Street	
Pittsburgh PA 15222		Pittsburgh PA 15213		Pittsburgh PA 15232		Pittsburgh PA 15238		Oakmont PA 15139	
EISNER, MD, Clarence A	FP	FERGUSON JR, MD, Theodore J	FP	FONTANA, MD, Armand L	OBG	GANNON, MD, Robert P	OBG	GILMAN, MD, Edward	R
3600 Forbes Ave Rm 403		5802 Verone Rd		2410 James St		203 Rsvlt Bld 6th & Penn		3322 Ivenhoe Rd	
Pittsburgh PA 15213		Verone PA 15147		Mc Keesport PA 15132		Pittsburgh PA 15222		Pittsburgh PA 15241	
EKSTRAND, MD, John P	P	FERGUSON, MD, Donald G	R	FONTANA, MD, Frank L	GS	GARCIA, MD, Diosdedo A	IM	GILMORE, MD, George H	ORS
223 Rush Valley Rd		South Side Hosp		326 Churchill Rd		500 Lewis Run Rd		1101 Forbes Ave	
Monroeville PA 15146		Pittsburgh PA 15203		Pittsburgh PA 15235		Pittsburgh PA 15236		Pittsburgh PA 15219	
ELATTAR, MD, Anes A	FP	FERGUSON, MD, Irene D	FP	FOOTERMAN, MD, Herold	FP	GARDENER, MD, Ralph	P	GILMORE, MD, James	OBG
864 Lochlin Dr		233 Vilaack Rd		1851 Potomac		401 Shedy Ave Ste D 103		203 Rsvlt Bld 6th & Penn	
Pittsburgh PA 15243		Glenshaw PA 15116		Pittsburgh PA 15216		Pittsburgh PA 15206		Pittsburgh PA 15222	
ELIAS, MD, Stanton B	OPH	FERGUSON, MD, Roger J	ORS	FORBES, MD, Thomas W	R	GARDNER, MD, Morris Z	R	GINCHEREAU, MD, Eugene H	FP
9104 Beacock Blvd		Rd 4 Blackburn Rd		815 Freeport Rd		1400 Centre Ave		127 Cornwall Dr	
Pittsburgh PA 15237		Sewickley PA 15143		Pittsburgh PA 15212		Pittsburgh PA 15219		Pittsburgh PA 15238	
ELIGATOR, MD, Julien	IM	FERGUSON, MD, Thomas G	OBG	FORD, MD, Robert W	OBG	GARDNER, MD, Robert S	GS	GIPSON, MD, Lawrence L	OPH
8588 Beecon St		223 Vilaack Rd		9104 Babcock Blvd		10 Old Timber Trail		305 Mekean Ave	
Pittsburgh PA 15217		Glenshaw PA 15118		Pittsburgh PA 15237		Pittsburgh PA 15238		Chertleroi PA 15022	
ELLIS, MD, Lawrence D	IM	FERLAN, MD, Lawrence	FP	FORD, MD, William B	TS	GARNER, MD, William J	FP	GIRDANY, MD, Bertram R	R
3600 Forbes Ave Ste 305		415 4th Ave		532 S Aiken Ave		3600 Lakelon Rd		125 De Soto St	
Pittsburgh PA 15213		Tarentum PA 15084		Pittsburgh PA 15232		Pittsburgh PA 15235		Pittsburgh PA 15213	
ELMER, MD, Edward M	OTO	FERRELL, MD, John T	R	FORTUNATO, MD, James J	FP	GAROFOLI, MD, Caesar A	FP	GITTINGS, MD, Paul E	OBG
1168 Beechwood Ct		120 Ruskin Ave Apt 508		1030 Greenlawn Dr		20 Cedar Blvd		532 S Aiken Ave	
Pittsburgh PA 15206		Pittsburgh PA 15213		Pittsburgh PA 15220		Pittsburgh PA 15228		Pittsburgh PA 15232	
ELSTNER, MD, Howard L	GS	FERRI, MD, Henry G	OTO	FOSS, MD, David E	ORS	GARRETT JR, MD, William S	PS	GLASSBURN, MD, Edward M	OTO
133 Adele Rd		31 Woodridge Dr		490 E North Ave Ste 400		3600 Forbes Ave		532 S Aiken Ave	
Pittsburgh PA 15237		Carnegie PA 15106		Pittsburgh PA 15212		Pittsburgh PA 15213		Pittsburgh PA 15232	
EMMERLING, MD, John F	IM	FERSON, MD, Peter F	GS	FOSTER, MD, Howard K	P	GARRITY, MD, Gene C	GP	GLASSO, MD, Louis C	GS
3955 Bigelow Blvd		V A Hosp Surg Ser		121 University Piece		4231 Parkmen St		4201 Cohesse Lane	
Pittsburgh PA 15213		Pittsburgh PA 15240		Pittsburgh PA 15213		Pittsburgh PA 15213		Allison Park PA 15101	
ENCKE, MD, Ted K	ORS	FETCHKO, MD, Alexander M	OBG	FOSTER, MD, Walter R	FP	GARSON, MD, Werfield	FP	GLEASON, MD, George E	GS
37 Churchill Rd		416 Fourth Ave		15 Cretton Ave		49 Rocklynn Pl		928 Cerfisle St	
Pittsburgh PA 15235		Tarentum PA 15084		Pittsburgh PA 15205		Pittsburgh PA 15228		Netrona Hgts PA 15065	
ENERSON, MD, Daniel M	TS	FETTERHOFF, MD, Kenneth I	IM	FOTIADIS, MD, Ion G	FP	GARVER, MD, Kenneth L	PD	GLEESON, MD, George H	IM
4800 Friendship Ave		5850 Meridian Rd #311C		115 Dowling Dr		101 Stephens Lane		157 Seibert Rd	
Pittsburgh PA 15224		Gibsonia PA 15044		Pittsburgh PA 15215		Verone PA 15147		Pittsburgh PA 15237	
ENNIS, MD, Michael F	IM	FETTERMAN, MD, George H	PTH	FRANCIS, MD, George J	IM	GARVEY, MD, Edmund P	AN	GLICK, MD, Herold M	PD
11 Newport Rd		Univ Of Pgh-Scaite Hall		211 N Whitfield St		1257 Herveat Dr		Essex House	
Pittsburgh PA 15221		Pittsburgh PA 15261		Pittsburgh PA 15206		Monroeville PA 15146		Pittsburgh PA 15206	
ENRIQUEZ, MD, Teresite E	R	FIEDLER, MD, Roy W	FP	FRANKE, MD, Frederick R	IM	GATES, MD, Robert E	R	GLORIOSO, MD, Joseph J	GS
17 Chapel Ridge Rd		3 Boggs Ave		4800 Friendship Ave		107 Hartow St		1042 Sullivan Dr	
Pittsburgh PA 15238		Pittsburgh PA 15211		Pittsburgh PA 15224		Pittsburgh PA 15218		Homestead PA 15120	
EPPINGER, MD, Mary A	P	FIGURA, MD, Judith H	R	FRANKENSTEIN, MD, Herbert	GS	GATES, MD, Robert P	IM	GNEG, MD, Richard	PD
2337 Big Rock Rd		West Penn Hosp		2872 Ne 32nd St		2418 Merbury Rd		1328 Moonridge Dr	
Allison Park PA 15101		Pittsburgh PA 15224		Lighthouse Pl FL 33064		Pittsburgh PA 15221		Pittsburgh PA 15241	
ERICKSON, MD, Eric R	PTH	FINE, MD, Daniel	IM	FRANKLIN, MD, John W	R	GATTER, MD, Carl W	P	GOEHRING, MD, Walter O	GS
2143 Laurel La		171 McLaughlin Dr		St Margarets Hosp		53 Academy Ave Apt 401		214 S Trenton Ave	
Allison Park PA 15101		New Kensington PA 15068		Pittsburgh PA 15201		Pittsburgh PA 15228		Pittsburgh PA 15221	
ERICKSON, MD, Elmer W	GS	FINE, MD, Joseph	AN	FRAZIER II, MD, John E	IM	GATTO, MD, Frank M	OPH	GOITEIN, MD, Kelman J	EM
804 N Grendview Ave		3459 5th Ave		320 E North Ave		410 Kittanning Pike		St Clair Mem Hosp	
Mc Keesport PA 15132		Pittsburgh PA 15213		Pittsburgh PA 15212		Pittsburgh PA 15215		Pittsburgh PA 15243	
ERSOZ, MD, Clere J	AN	FINEGOLD, MD, Aaron N	U	FRIDAY, MD, Gilbert A	PD	GAUDIO, MD, Ralph	IM	GOLD, MD, Gordon R	IM
2139 Clairmont Dr		3471 5th Ave		1901 Highgate Rd		9068 Perry Hwy		Woodbine Ln R D #3	
Pittsburgh PA 15241		Pittsburgh PA 15213		Pittsburgh PA 15241		Pittsburgh PA 15237		Mers PA 16046	
ERSOZ, MD, Namik	AN	FINEGOLD, MD, Joseph	GS	FRIDAY, MD, John R	IM	GAY, MD, Thomas C	IM	GOLDBERG, MD, Solomon	OPH
Montefiore Hosp		5102 Jenkins Arcade		211 N Whitfield St		Allegheny Gen Hosp		632 Jenkins Bldg	
Pittsburgh PA 15213		Pittsburgh PA 15222		Pittsburgh PA 15206		Pittsburgh PA 15212		Pittsburgh PA 15222	

IOLDBLUM, MD, Abraham D 3347 Forbes Ave Pittsburgh PA 15213	OPH	GREGORY, MD, Daniel H 490 E North Ave Pittsburgh PA 15212	IM	HAMILTON, MD, Robert W 2008 Grendview Ave McKeesport PA 15132	FP	HEIDENREICH, MD, H Vincent 4002 Provost Rd Pittsburgh PA 15227	FP	HITCHCOCK, MD, John 3700 5th Ave Ste 405 Pittsburgh PA 15213	P
IOLDBLUM, MD, Herold L 1807 West St Homestead PA 15120	IM	GREGORY, MD, Robert E 144 S 20th St Pittsburgh PA 15203	GS	HAMM, MD, Charles R Sewickley Valley Hosp Sewickley PA 15143	R	HEILMAN, MD, J Daniel 320 Third Ave Terentum PA 15084	IM	HO, MD, Monto 968 Scaife Hill U Pgh Pittsburgh PA 15213	IM
IOLDBLUM, MD, Raymond W 3471 Fifth Ave Pittsburgh PA 15213	D	GREISSINGER, MD, Welter M 1400 Centre Ave Pittsburgh PA 15219	PRM	HAMPSEY, MD, Joseph W 1102 Grant Building Pittsburgh PA 15219	OTO	HELMBOLD, MD, Theodore R 2284 Country Club Dr Pittsburgh PA 15241	PTH	HOCH, MD, Carl W 1328 5th Ave McKeesport PA 15132	OTO
IOLFARB, MD, I William 4815 Liberty Ave Pittsburgh PA 15224	GS	GRENVIK, MD, Ake N Dp Anes Presby-Un Hosp Pittsburgh PA 15213	AN	HAN, MD, Delsoo 820 Foxhurst Rd Pittsburgh PA 15238	R	HEMPHILL, MD, Richard W Magee-Womans Hosp Pittsburgh PA 15213	OBG	HODGSON, MD, John P 1505 Lincoln Way McKeesport PA 15131	IM
IOLDING, MD, Irvin M 805 Shady Ave C-5 Pittsburgh PA 15206	P	GRIBIK, MD, Michael Mercy Hosp Dpt Of Med Pittsburgh PA 15219	IM	HAN, MD, Sum K 545 Pst Haven Dr Pittsburgh PA 15243	FP	HENDERSON, MD, Peter B 3811 Ohere St Pittsburgh PA 15261	P	HOFFMAN, MD, Franklin D 401 Wood St Arrott Bldg Pittsburgh PA 15222	OPH
IOLDMAN, MD, Irving S 3347 Forbes Ave Pittsburgh PA 15213	OPH	GRIFFITH, MD, Joseph B 337 Beaver St Sewickley PA 15143	GS	HAN, MD, Yoong O 6661 Wilkins Ave Pittsburgh PA 15217	OBG	HENDRY, MD, Stanley G 1601 Penn Ave Ste 5300 Pittsburgh PA 15221	FP	HOFSTETTER, MD, Alexander M 522 Walnut St McKeesport PA 15132	U
IOLDSTEIN, MD, Elliott J 230 N Craig St Pittsburgh PA 15213	P	GRISNIK JR, MD, John A 311 S Pasadena Dr Pittsburgh PA 15215	FP	HANCOCK, MD, Reginald A 504 Penn Ave Pittsburgh PA 15222	U	HENNINGER, MD, James M 185 Los Arcos Green Valley AZ 85614	P	HOHNING, MD, Charles C 225 Lynn Haven Dr Pittsburgh PA 15228	OBG
IOLDSTEIN, MD, Morton L 6568 Fifth Ave Pittsburgh PA 15208	IM	GROSS, MD, Charles N 2758 Ne 30th Ave #1 Lighthouse Pt FL 33064	FP	HANDELSMAN, MD, Oliver 2400 Ardmore Blvd Ste 301 Pittsburgh PA 15212	FP	HENNON, MD, Don L 490 E North Ave #201 Pittsburgh PA 15212	GS	HOHMANN, MD, Thomas C 9100 Babcock Blvd Pittsburgh PA 15237	PM
IOLLA, MD, Chendra S 300 Cheltham Pk #926 Pittsburgh PA 15220	EM	GROSS, MD, Paul 28 Maui Circle Naples FL 33940	PTH	HANLON, MD, James T 3181 Shady Ave Ext Pittsburgh PA 15217	GS	HENRY JR, MD, Edgar S 521 Locust Pl Sewickley PA 15143	OPH	HOLDEN, MD, Gery R 400 Jefferson Ave Washington PA 15301	EM
IOLLA, MD, Saraswathi K Suburban Gen Hosp X Ray Pittsburgh PA 15202	R	GROVER, MD, Dwight C 207 Wilmar Dr Pittsburgh PA 15238	IM	HANNA, MD, Dwight C 4615 Liberty Ave Pittsburgh PA 15224	PS	HENRY JR, MD, Leland T 4815 Liberty Ave Pittsburgh PA 15224	IM	HOLL, MD, Paul F 352 Scepter Ct Sw Palm Bay FL 32905	OPH
IOLOMB, MD, Milton W 6661 Reynolds St Pittsburgh PA 15208	IM	GRUBBS, MD, Robert M 224 S Trenton Ave Pittsburgh PA 15221	FP	HANRAHAN, MD, James B Western Pe Hosp Pittsburgh PA 15224	PTH	HEPP, MD, Joseph A 7417 Richland Mnr Dr Pittsburgh PA 15208	OBG	HOLLAND, MD, Philip B 2513 5th Ave McKeesport PA 15132	ORS
IONZALEZ, MD, Augusto 214 Herrow Dr Pittsburgh PA 15238	GS	GRUMET, MD, Bernard A 410 S Creig Street Pittsburgh PA 15213	IM	HAPPEL, MD, John L 4101 Brownsville Rd Pittsburgh PA 15227	GS	HEPPNER, MD, Richard L 4815 Liberty Ave Pittsburgh PA 15224	IM	HOLLSTEIN, MD, Frank E 660 Lincoln Ave Pittsburgh PA 15202	OBG
IONZALEZ, MD, Alejandro R 414 Wicklond Dr Pittsburgh PA 15238	US	GRUNDY, MD, Betty L 1060-E Scaife Hill Anes Pittsburgh PA 15281	AN	HARADIN, MD, Anthony R 3800 Forbes Ave Rm 804 Pittsburgh PA 15213	IM	HERB, MD, Robert W 86 Churchill Rd Pittsburgh PA 15235	IM	HOLZINGER, MD, Elmer J 519 Edgewood Rd Pittsburgh PA 15221	IM
IOOD, MD, Robert F 22 Old Cleinton Rd Pittsburgh PA 15238	PD	GUEHL, DO, John J 29 Oregon Ave Pittsburgh PA 15205	OPH	HARDESTY, MD, Robert L 1088 Scaife Univ Of Pgh Pittsburgh PA 15281	TS	HERMAN, MD, Julius 2 Ellsworth Pl Pittsburgh PA 15232	FP	HONGBARCO, MD, Peblo 5714 Aylesboro Ave Pittsburgh PA 15217	TS
IOODMAN, MD, Mark A 3601 5th Ave Pittsburgh PA 15213	ORS	GUEHL, MD, John J 4415 Fifth Ave Pittsburgh PA 15213	P	HARDJASUDARMA, MD, Merdjoen St Johns Health Sci Ctr Newfoundland Canade AIB3V8	R	HERR, MD, Bonnie H Megee Womens Hosp Pittsburgh PA 15213	OBG	HOON, MD, William L 30 Turner St Creswaster FL 33518	OPH
IWOODWORTH, MD, John H West Penn Hosp Pittsburgh PA 15224	GS	GUERRERO, MD, Rodolfo 1103 Preston Rd N Versailles PA 15137	US	HARRIS, MD, Berry C 3471 5th Ave 5th Fl Pittsburgh PA 15213	IM	HERR, MD, Douglas V 3708 Fifth Ave Ste 303 Pittsburgh PA 15238	IM	HOOTMAN, MD, J Kenneth 833 Washington Rd Pittsburgh PA 15228	OPH
IWOBLATT, MD, Stephen 5840 Beecon St Pittsburgh PA 15217	IM	GUINTO, MD, Jose C 1500 5th Ave McKeesport PA 15132	R	HARRIS, MD, Richard N 3708 5th Ave Ste 303 Pittsburgh PA 15213	IM	HERRON, MD, Frank T 2025 Wighton St Pittsburgh PA 15217	IM	HOOVER, MD, Alan D W Waldheim Rd Pittsburgh PA 15215	IM
IOPAL, MD, Krishnen A 3500 Fifth Ave Pittsburgh PA 15238	CRS	GULARSKI, MD, Alice S 5850 Meridian Rd Gibsonia PA 15044	FP	HARRISON, MD, Anthony M 3471 5th Ave Pittsburgh PA 15213	GS	HERSH, MD, J Joseph 1331 Terrece Dr Pittsburgh PA 15228	GS	HORN, MD, Richard H 410 S Creig St Pittsburgh PA 15213	IM
IOPALAKRISHNAN, MD, Remeswamy 488 Sequoia Drive Pittsburgh PA 15238	IM	GUMERMAN, MD, Lewis W 230 Lothrop St Dept Radi Pittsburgh PA 15213	OS	HARTER, MD, Leo 2 Gateway Ctr Rm 927 Pittsburgh PA 15222	GS	HERSHENSON, MD, Lee M 3700 5th Ave Pittsburgh PA 15213	IM	HORNE, MD, Lloyd M 612 Ivy St Pittsburgh PA 15232	PD
IORALCZYK, MD, Edward J 455 Jeffreys Dr Elizabeth PA 15037	FP	GUMP, MD, Robert B 811 Ross Ave Pittsburgh PA 15221	FP	HARTMAN, MD, Clifford C 1230 Farregut St Pittsburgh PA 15208	IM	HERSHEY, MD, Richard E 1501 Locust St Pittsburgh PA 15219	NS	HORNER JR, MD, Frank S 401 Charles St Turtle Creek PA 15145	FP
IORDON, DO, Senford A 788 Elm Spring Rd Pittsburgh PA 15243	R	GUPTA, MD, Krishne G W Penn Hosp Pittsburgh PA 15224	U	HARTMAN, MD, Henry S 3303 Elmdale Dr Bethel Park PA 15102	FP	HERTZOG, MD, James E Consol Pleza Pittsburgh PA 15241	PRM	HORNICK, MD, Francis J 3000 Wm Penn Highway Pittsburgh PA 15235	P
IORDON, MD, Elizabeth H 501 Arrott Bldg 4th-Wood Pittsburgh PA 15222	OBG	GURGUN, MD, Melih 8 Cerleton Dr Pittsburgh PA 15243	R	HARTMANN, MD, David B 500 Lawis Run Rd Pittsburgh PA 15236	ORS	HESLOP, MD, Robert C 566 N Washington Rd McMurray PA 15317	PD	HORNICK, MD, Newton 220 S Home Ave Pittsburgh PA 15202	R
IORDON, MD, Richard S 119 Conover Rd Pittsburgh PA 15208	R	GURSON, MD, Helen W 2320 E Carson St Pittsburgh PA 15203	FP	HARVEY, MD, William J 340 Center Ave Pittsburgh PA 15229	FP	HETHERINGTON, MD, Arthur F 203-5 Roosevelt Bldg Pittsburgh PA 15222	OBG	HORVATH, MD, David A 1000 Bower Hill Rd 209 Pittsburgh PA 15234	D
IORDON, MD, Wendell B 555 Se 6th Ave Apt 3A Delrey Bch FL 33444	US	GUTHKELCH, MD, Arthur N Childrens Hosp Of Pgh Pittsburgh PA 15213	NS	HASER, MD, Heywood A 1099 Ohio River Blvd Sewickley PA 15143	ORS	HETRICK, MD, William D Mercy Hosp Anes Dpt Pittsburgh PA 15219	AN	HORWITZ, MD, John J 401 Shady Ave Apt C105 Pittsburgh PA 15208	IM
IOURASH, MD, Leona 134 Old Cleinton Rd Pittsburgh PA 15236	PD	GUTHRIE, MD, Michael A 102 Westchester Dr Pittsburgh PA 15215	OBG	HASHMI, MD, Majid A West Penn Hosp Pittsburgh PA 15224	IM	HEYL JR, MD, Frank E 1020 Center Ave Pittsburgh PA 15229	FP	HOTTENSTEIN, MD, Jonethen E 1099 Ohio River Blvd Sewickley PA 15143	ORS
IABRAHAM, MD, Thomas R Rd 3 Witharow Rd Sewickley PA 15143	FP	HABER, MD, Richard E 154 N Bellefield Ave Pittsburgh PA 15213	IM	HAUS, MD, William 1145 Brownsville Rd Pittsburgh PA 15210	FP	HIGMAN, MD, Henry B 322 Scaife Hall Pittsburgh PA 15213	N	HOUSTON JR, MD, Robert R 80 Coloniel East #6 Youngstown OH 44514	IM
IARANOWITZ, MD, Samuel P 1400 Centre Ave Pittsburgh PA 15219	ORS	HACKMAN, MD, Vicki L 5720 Stenton Ave Pittsburgh PA 15208	FP	HAWK, MD, Brainerd O 6th Penn Ave 203-205 Pittsburgh PA 15222	OBG	HILAL, MD, Elias Y Mercy Hosp Pittsburgh PA 15219	OTO	HOVENDE, MD, Anthony L McKeesport Hosp Rad McKeesport PA 15132	R
IARAY III, MD, Samuel 320 Third Ave Tarentum PA 15084	IM	HADLEY, MD, Matthew R 2929 Jacks Run Rd McKeesport PA 15131	IM	HAWKINS, MD, James G 9104 Babcock Blvd-2111 Pittsburgh PA 15237	PD	HILBERG, MD, Robert W Mercy Hospital Pittsburgh PA 15219	IM	HOWER, MD, Robert D 1629 Union Ave Natrona Hgts PA 15085	GS
IARAY JR, MD, George H 1501 Locust St Pittsburgh PA 15219	NS	HAEUSSNER, MD, Charles F 4401 Penn Ave-Sle 1060 Pittsburgh PA 15224	GS	HAYASHI, MD, T Terry Megee-Womans Hosp Pittsburgh PA 15213	OBG	HILE, MD, H Eugene 201 Penn Ctr Blvd St 208 Pittsburgh PA 15235	PD	HRYSKHO, MD, Frank G Allegheny Gen Hosp Pittsburgh PA 15212	N
IGRAY, MD, Cynthia A 10418 Forbes Rd Pittsburgh PA 15235	OBG	HAGAN, MD, Eugene M 440 Allegheny River Oakmont PA 15139	FP	HAYAT, MD, Shekiet 910 E Pittsburgh St Greensburg PA 15801	N	HILES, MD, David A 143 North Dr Pittsburgh PA 15238	OPH	HUBER, MD, Donald J 6135 Perry Highway Pittsburgh PA 15237	FP
IGREEN JR, MD, William T 125 Desoto St Pittsburgh PA 15213	ORS	HAHN, MD, Adem W 11 Camden Dr Pittsburgh PA 15215	P	HAYES, MD, James C 4815 Liberty Ave Pittsburgh PA 15224	IM	HILL, MD, John B 4815 Liberty Ave Pittsburgh PA 15224	IM	HUBER, MD, William B 430 Locust St Pittsburgh PA 15218	FP
IGREEN, MD, Meyer A 220 N Dithridge St 1104 Pittsburgh PA 15213	IM	HAIRSTON JR, MD, John C 7922 Frankstown Ave Pittsburgh PA 15208	FP	HAYES, MD, James D 1000 Bower Hill Rd Pittsburgh PA 15218	R	HILLER JR, MD, Walter W 574 Dorseyville Rd Pittsburgh PA 15238	P	HUFF, MD, Lynn H 4615 Liberty Ave Pittsburgh PA 15224	OBG
IGREEN, MD, Mary H 828 Celicorn&A Ave Pittsburgh PA 15202	OS	HAKALA, MD, Thomas R 1083 Scaife Hill Pittsburgh PA 15281	U	HAYESLIP, MD, David W Allegheny Gen Hosp Pittsburgh PA 15212	PTH	HILTON, MD, Alexander E Bldg 1 Oneil Vill McKeesport PA 15132	FP	HUGHES, MD, George V 556 Perry Hwy Pittsburgh PA 15229	IM
IGREEN, MD, Richard L 6113 Jankins Arcade Pittsburgh PA 15222	IM	HAKAS, MD, Joseph F 401 Bigham St Pittsburgh PA 15211	FP	HEATH, MD, Erle M 2423 Sew Mill Run Blvd Pittsburgh PA 15234	FP	HIMOT, MD, Linda J 581 Peebles St Pittsburgh PA 15221	P	HUGHES, MD, Jene S 1180 Sunsel Dr Letrobe PA 15850	R
IGREENBERG, MD, Weyne V P O Box 4107 Pittsburgh PA 15202	IM	HALE, MD, Edward H 211 N Whitfield St Pittsburgh PA 15208	IM	HEAZLETT, MD, William A River View Manor 65 Lewiamburg PA 17637	IM	HINCHLIFFE, MD, Joseph G 105 Willow Run Road Pittsburgh PA 15238	P	HUGHES, MD, Patrick H 450 Holland Ave Bredock PA 15104	GS
IREGG, MD, Frank J Two Alleg Ctr Ste 626 Pittsburgh PA 15212	IM	HALEN, MD, Robert J 3 Gateway Center Bx 1347 Pittsburgh PA 15283	PRM	HECK, MD, Harry J 1549 Lowrie St Pittsburgh PA 15212	FP	HINGSON JR, MD, Robert A 824 Grendview Ave Pittsburgh PA 15211	AN	HUH, MD, Ryon 1728 Fox Chapel Rd Pittsburgh PA 15238	PM
IREGG, MD, Grece S 110 Millview Dr Pittsburgh PA 15238	PD	HALL, MD, Edward L 21 Velerie Dr Monroeville PA 15148	IM	HEFFLIN, MD, Charles M 5559 Hampton St Pittsburgh PA 15208	FP	HINKENS, MD, George F 1111 Empire Bldg Pittsburgh PA 15222	IM	HULLEY JR, MD, William C 2213 Brownsville Rd Pittsburgh PA 15210	FP
IREGG, MD, John S 105 Millview Dr Pittsburgh PA 15238	IM	HALL, MD, Vincent B 3100 Mill St Murrysville PA 15866	PRM	HEGARTY, MD, Francis A 111 The Oaks Pittsburgh PA 15215	D	HIRSCH, MD, Stanley A 3471 Fifth Ave Pittsburgh PA 15213	GS	HUMES, MD, Alexander B 1525 Beaver Rd Sewickley PA 15143	PTH
IREGO, MD, J Gregory 532 S Aiken Ave Pittsburgh PA 15232	GS	HALL, MD, William A 9104 Babcock Blvd Pittsburgh PA 15237	R	HEIDENREICH, MD, Fred P 531 Chester Dr Lower Burrell PA 15088	US	HIRSCH, MD, Stuart D 230 N Creig St Pittsburgh PA 15213	P	HUMPHREYS, MD, Earl A Bx 304F Timothy Rd Gibsonia PA 15044	IM

HUNT, MD, William R 119 Courthouse Pittsburgh PA 15219	GS	JENKINS JR, MD, Robert J 3518 Washington Ave Finleyville PA 15332	US	KAPPAKAS, MD, George S 117 Regal Ct Monroeville PA 15148	ORS	KIM, MD, Yoon C 1004 Arch St Pittsburgh PA 15212	PTH	KRAUSE, MD, Seymoure Forest His Plaza Yost Bvd Pittsburgh PA 15221	
HUNTER, MD, Doris M 121 University Pl Pittsburgh PA 15213	P	JEW JR, MD, Edward W 2048 Hycroft Dr Pittsburgh PA 15241	GS	KARAMCHANDANI, MD, Nilima T West Penn Hosp Pittsburgh PA 15224	PD	KIM, MD, Yong D 5230 Centre Ave Pittsburgh PA 15232	R	KREBS, MD, James A 238 Navajo Rd Pittsburgh PA 15241	
HUOT, MD, David A Winthrop Rd Carnegie PA 15106	R	JOHAN, MD, Morton Medicel Arts Bldg Pittsburgh PA 15213	P	KARIMKHANI, MD, Kobra 938 Beaver Grede Rd Coraopolis PA 15108	OBG	KING, MD, Elmer S 3700 5th Ave Pittsburgh PA 15213	GS	KREINBROOK, MD, Suzanne B Woodville Stete Hosp Carnegie PA 15108	
HURITE, MD, Francis G 1420 Centre Ave Pittsburgh PA 15219	OPH	JOHN, MD, Lawrence R 8840 Wilkins Ave Pittsburgh PA 15217	FP	KARPINSKI JR, MD, Stephen J 144 Berwyn Rd Pittsburgh PA 15237	AN	KING, MD, Leo M 706 Peoples Bank Bldg Mc Keesport PA 15132	U	KRESH, MD, Norman N 540 N Neville St Pittsburgh PA 15213	
HURWITZ, MD, Dennis J 3459 Fifth Ave Pittsburgh PA 15213	PS	JOHNSON III, MD, S Harris 50 Quail Hill Rd Pittsburgh PA 15238	U	KART, MD, Barry H 2401 Beechwood Blvd Pittsburgh PA 15217	R	KING, MD, Robert L 9104 Babcock Blvd 8107 Pittsburgh PA 15237	OBG	KRETZ, MD, Stewart F 160 N Craig St Pittsburgh PA 15213	F
HURWITZ, MD, Lerry E 5830 Aylesboro Ave Pittsburgh PA 15217	IM	JOHNSON JR, MD, Marshall M 710 W North Ave Pittsburgh PA 15212	FP	KASDAN, MD, Richard B 541 Linden Le Pittsburgh PA 15208	N	KINSEL, MD, Alvin A 1388 Freeport Rd Bx 11545 Pittsburgh PA 15238	FP	KRIFCHER, MD, Emanuel 532 S Aiken Ave Ste 200 Pittsburgh PA 15240	
HUSSAINI, MD, Syed R 2 Balladonna Ct Glanshaw PA 15118	IM	JOHNSON, MD, Frenkin P 1600 James St Monroeville PA 15148	FP	KASRAIE, MD, Neptune 8225 Venburen Dr Pittsburgh PA 15237	AN	KIRK, MD, Jacquelyn M 502 Fifth Ave McKeesport PA 15132	D	KRISHNASWAMI, MD, V Va Hosp Cardiac Lab Pittsburgh PA 15240	
HYDOVITZ, MD, Jerrold D 532 S Aiken Ave Pittsburgh PA 15232	IM	JOHNSON, MD, Joseph M 622 Edgewater Blvd #311 Foster City CA 94404	GS	KATZ, MD, David L Gateway Towers Sta 245 Pittsburgh PA 15222	OBG	KISLOFF, MD, Barry 3406 Fifth Ave Pittsburgh PA 15213	IM	KRISTOFIC, MD, John D 823 Revencrest Rd Pittsburgh PA 15215	
IANCU, MD, Albert L 211 N Whitfield St Pittsburgh PA 15206	U	JOHNSON, MD, James R 420 Shew Ave McKeesport PA 15132	FP	KATZ, MD, Irwin L 1858 Beechwood Blvd Pittsburgh PA 15217	R	KISNER, MD, Robert G Magee Womens Hosp Pittsburgh PA 15213	OBG	KRIVINKO, MD, Dennis M 227 Union Ave N Versailles PA 15137	OB
IANNUZZI, MD, C Charles 2115 Noble St Pittsburgh PA 15218	FP	JOHNSON, MD, Jonas T 205 Rockingham Rd Pittsburgh PA 15238	OTO	KATZ, MD, Richard G 5830 Elwood St Pittsburgh PA 15232	PS	KISSELL, MD, Dewitt C 1539 Lincoln Ave Pittsburgh PA 15206	FP	KROEGER, MD, Hilda A 3955 Bigelow Blvd Pittsburgh PA 15213	PRI
IDREES, MD, Muhammad 1949 Lincoln Way McKeesport PA 15131	IM	JOHNSTON JR, MD, John A 1910 Cochran Rd Pittsburgh PA 15220	GS	KATZIN, MD, Dick 2545 Moeside Blvd Monroeville PA 15148	OPH	KLATMAN, MD, Samuel J 4500 Liberty Ave Pittsburgh PA 15224	FP	KROTEC, MD, Joseph W 5438 Centre Ave Pittsburgh PA 15232	F
ILKHANIPOUR, MD, Cyrus Mercy Hosp Pittsburgh PA 15219	R	JOHNSTON, MD, J Murl 694 Washington Rd Pittsburgh PA 15228	PM	KAUFER, MD, Gerald I 222 S Trenton Ave Pittsburgh PA 15221	GS	KLEIN, MD, Michele I 201 Field Club Ridge Rd Pittsburgh PA 15238	IM	KRUG III, MD, E Clyde 9905 Frankstown Rd Pittsburgh PA 15235	I
ILYAS, MD, Mohammed 142 Riding Trail Ln Pittsburgh PA 15215	R	JOHNSTON, MD, James R 629 Belvedere St Cortisale PA 17013	OBG	KAUFMAN, MD, Sidney S 3471 5th Ave Pittsburgh PA 15213	GS	KLEIN, MD, Richard M McKeesport Hosp Er McKeesport PA 15132	FP	KRUGH, MD, Francis J 1000 Bower Hill Rd #209 Pittsburgh PA 15243	
IMBRIGLIA JR, MD, Joseph E 490 E North Ave Pittsburgh PA 15212	ORS	JOHNSTONE, MD, Graham F 200 Meyran Ave Pittsburgh PA 15213	ORS	KAVIC, MD, Michael S 980 Beaver Grade Rd Coraopolis PA 15108	GS	KLEIN, MD, Santord M Mc Keesport Hosp Mc Keesport PA 15132	AN	KRUGH, MD, James W 5230 Centre Ave Pittsburgh PA 15232	A
INDORATO, MD, Leroy S Baum&Negley Ave Pittsburgh PA 15206	PD	JONAS, MD, Federico R 4715 Beyard St Pittsburgh PA 15213	PM	KAVIC, MD, Thomas A 1408 Duss Ave Pittsburgh PA 15003	R	KLEINSCHMIDT, MD, Robert F 1501 Locust St Pittsburgh PA 15219	IM	KUN, MD, Joseph 3833 Willow Ave Pittsburgh PA 15234	F
ISAACS, MD, Gilbert H 320 E North Ave Pittsburgh PA 15212	IM	JONES JR, MD, Robert T Mercy Hosp Red Dept Pittsburgh PA 15219	R	KAY, MD, Chester 9102 Babcock Blvd Pittsburgh PA 15237	R	KLINE, MD, Robert W 151 S 20th St Pittsburgh PA 15203	AN	KUNDA, MD, Gopal D 651 Fourth Ave New Kensington PA 15068	A
ISAACSON, MD, Stanford 3347 Forbes St Pittsburgh PA 15213	IM	JONES, MD, Wendell E 1118 Cortisale St Netrone Hts PA 15065	R	KEDDIE, MD, Roland T 1500 5th Ave Hospital Er McKeesport PA 15132	FP	KLIOSKY, MD, Bernard L Magee-Womens Hosp Pittsburgh PA 15213	PTH	KUNKEL, MD, George A 8 Clover Lane Uniontown PA 15401	
ISMAIL-BEIGI, MD, Ferhed 3700 5th Ave Pittsburgh PA 15213	IM	JOSEPH, MD, Andrew H 1501 Locust St Pittsburgh PA 15219	IM	KELLER, MD, Frank M 4125 Northampton St Allison Park PA 15101	FP	KNAPPENBERGER, MD, William L 830 Homewood Dr Pittsburgh PA 15235	FP	KUNKEL, MD, Herbert G 1550 Fox Chapel Rd Pittsburgh PA 15238	A
ISRAEL, MD, Michael Mercy Hospital Pittsburgh PA 15219	PTH	JOSEPH, MD, Elaine R 5548 Phillips Ave Pittsburgh PA 15217	PD	KELLY, MD, Edward G 110 Ft Couch Rd Pittsburgh PA 15241	ORS	KOBALY, MD, David J 229 Cresthaven Lane Pittsburgh PA 15237	OPH	KUNKEL, MD, William H 212 S Trenton Ave Pittsburgh PA 15221	OTI
ITSKOWITZ, MD, Alan L 302 Jenkins Bldg Pittsburgh PA 15222	IM	JOSEPH, MD, Montefiore L 401 Shady Ave A-207 Pittsburgh PA 15206	P	KELLY, MD, Eugene W 24 Sewickley Hills Dr Sewickley PA 15143	R	KOCH, MD, Joseph C 600 Grant St Ast Med Dir Pittsburgh PA 15230	PRM	KUNSCHNER, MD, Albert J 815 Greenleaf Dr Monroeville PA 15148	F
IVEY, MD, Timothy 616 Lincoln Ave Ste 201 Pittsburgh PA 15202	ORS	JOSHI, MD, Manohar J 5511 Aylesboro Ave Pittsburgh PA 15217	IM	KELLY, MD, Thomas J 8409 Howe St Pittsburgh PA 15206	IM	KODALI, MD, Reja V 10021 Sheffield Dr Westford PA 15090	R	KUNSCHNER, MD, Alan J 3554 N Hills Rd Murrysville PA 15888	U
JABLONSKI JR, MD, Lawrence F 8241 Thompson Run Rd Pittsburgh PA 15237	U	JOZEFczyk, MD, Patrice B 2278 Sidefield La Pittsburgh PA 15241	N	KELLY, MD, Wm J 721 Jenkins Bldg Pittsburgh PA 15222	IM	KOENIG, MD, Arthur R 103 Maple Ave Pittsburgh PA 15218	FP	KUNSMAN, MD, William E 229 Tech Rd Pittsburgh PA 15205	II
JABLONSKI, MD, Richard R 1174 Greentree Rd Pittsburgh PA 15220	FP	JUNCO, MD, Humberto G 3202 Sundele Dr Glenshaw PA 15118	GS	KENKRE, MD, Sriprishna B 300 Penn Center Blvd Pittsburgh PA 15235	OBG	KOENIG, MD, Frederick W 144 S 20th St Pittsburgh PA 15203	ORS	KUREMSKY, MD, Dele A 1442 Raven Dr Pittsburgh PA 15243	F
JACKLINE JR, MD, Joseph J 4725 Mc Knight Rd Pittsburgh PA 15237	IM	JUNGHANS, MD, Siegfried P Sewickley Valley Hosp Sewickley PA 15143	PTH	KENNA, MD, Marita D 211 Whitfield St Pittsburgh PA 15208	P	KOENIG, MD, Hens 3583 Shadelend Ave Pittsburgh PA 15212	ORS	KURTZ, MD, John E 214 Vernon Dr Pittsburgh PA 15228	PT
JACOB JR, MD, Herbert E 4815 Liberty Ave Med Ctr Pittsburgh PA 15224	IM	KACHROO-KOUL, MD, Hire Let 490 E North Ave Pittsburgh PA 15212	IM	KENNEDY, MD, F Bryan 4401 Penn Ave Ste 1100 Pittsburgh PA 15224	IM	KOIMATTUR, MD, Arwind 532 S Aiken Ave Pittsburgh PA 15232	TS	KUSH, MD, Frank H 114 Tree Farm Rd Pittsburgh PA 15238	U
JACOB, MD, Walter L 530 Wm Penn Pl Bx 119 Pittsburgh PA 15219	P	KAIRYS, MD, Leo R 1109 Greenridge Lane Pittsburgh PA 15220	OBG	KENNERDELL, MD, Edward H 303 E 6th Ave Tarentum PA 15084	OPH	KOKALES, MD, John G 303 Mab 3700 Fifth Ave Pittsburgh PA 15213	IM	KUSH, MD, Margaret B 114 Tree Farm Rd Pittsburgh PA 15238	II
JACOBS, MD, David 1050 Lincoln Way McKeesport PA 15132	U	KALLA, MD, Richard L 3471 5th Ave Pittsburgh PA 15213	IM	KENNERDELL, MD, John S Eye & Ear Hosp Pittsburgh PA 15213	OPH	KOOROS, MD, Kian S 9102 Babcock Blvd Pittsburgh PA 15237	IM	KUTSENKOW, MD, Michael 225 E Mein St Carnegie PA 15108	F
JACOBS, MD, George A 1152 Marshall Ave Pittsburgh PA 15212	FP	KALMANSON, MD, Jacob D 201 Penn Center Blvd Pittsburgh PA 15235	D	KENNY, MD, Kevin J 287 14th St Ambridge PA 15003	FP	KOOSER, MD, Robert R 328 Edgewood Rd Pittsburgh PA 15221	IM	KYNE, MD, Peter J 592 Squaw Run Pittsburgh PA 15238	OR
JACOBS, MD, Richard P 532 S Aiken Ave Pittsburgh PA 15232	U	KAMERER, MD, Donald B 3600 Forbes Ave Ste 608 Pittsburgh PA 15213	OTO	KERR JR, MD, Henry J 705 Broadway McKees Rocks PA 15138	IM	KOSKOFF, MD, Yele D 3800 Forbes Ave Pittsburgh PA 15213	NS	KYREAGES, MD, Constantine G 4725 McKnight Rd #212 Pittsburgh PA 15237	G
JACOBS, MD, Samuel A 118 Grayfriar Dr Pittsburgh PA 15215	IM	KAMINSKI, MD, Robert J Magee Womens Hosp Pittsburgh PA 15213	OBG	KESSLER, MD, Laibe A 552 N Neville St Pittsburgh PA 15213	NS	KOST, MD, Paul F 3241 McCully Rd Allison Park PA 15101	PTH	KYRIACOPOULOS, MD, John D 3471 5th Ave 5th Fl Pittsburgh PA 15213	II
JACQUES, MD, George A Brackenridge PA 15014	AN	KANE, MD, John J 158 Mein Entrance Dr Pittsburgh PA 15228	OBG	KESSLER, MD, Otto F 5230 Center Ave Pittsburgh PA 15232	OBG	KOSTYAL, MD, John L 4140 Brownsville Rd Pittsburgh PA 15227	OBG	LACOUTURE, MD, Luis 1719 Helthaway Lane Pittsburgh PA 15241	II
JAKAB, MD, Irena 3811 Ohara St Rm 879 Pittsburgh PA 15213	P	KANE, MD, Kevin M Mercy Hospital Pittsburgh PA 15219	IM	KHALILI, MD, Behrooz 170 Woodhaven Dr Pittsburgh PA 15228	OBG	KOWALLIS, MD, George F 310 Med Arts Bldg Pittsburgh PA 15213	IM	LACY, MD, George R 201 Village Dr Canonsburg PA 15317	U
JAMES, DO, Edward E 718 Fifth Ave Coraopolis PA 15108	FP	KANIA, MD, Robert J 4815 Liberty Ave Ste 412 Pittsburgh PA 15224	IM	KHURANA, MD, Ramesh C 615 Washington Rd Pittsburgh PA 15228	IM	KRAEMER, MD, David W 815 Washington Rd Pittsburgh PA 15228	OBG	LADANI, MD, Chhaganlal D 191 Morewood Ave Pittsburgh PA 15213	II
JANEWAY, MD, Timothy 921 Beaver St Sawickley PA 15143	ORS	KANN, MD, Jules 128 N Craig St Pittsburgh PA 15213	FP	KIESEWETTER, MD, Wm B 125 De Soto St Pittsburgh PA 15213	GS	KRAK, MD, Michael 3305 Mein St Munhall PA 15120	PD	LAING, MD, Patrick G 4 White Fawn Ln Pittsburgh PA 15238	OR
JANICJEVIC, MD, Nened 5068 Sharwood Rd Bethel Park PA 15102	FP	KANSAL, MD, Raj G 45 Crosswinds Dr Pittsburgh PA 15220	U	KIM, MD, Eugene Y 1500 5th Ave McKeesport PA 15132	R	KRAM, MD, John E 2801 Perrysville Ave Pittsburgh PA 15214	FP	LAKDAWALA, MD, Shebhir 907 Riverview Dr McKeesport PA 15131	II
JANNETTA, MD, Peter J Prasby Univ Hosp Rm 9402 Pittsburgh PA 15281	NS	KANT, MD, Naval 111 Cristia Dr Verone PA 15147	R	KIM, MD, Hyound G 115 Southridge Dr Monroeville PA 15148	IM	KRANIK, MD, Andrew D 981 Scanery Dr Elizabeth PA 15037	ORS	LAMAN JR, MD, Paul D 230 N Craig St Pittsburgh PA 15213	II
JANOSKO, MD, Rudolph E 181 N Dithridge St Pittsburgh PA 15213	P	KAO, MD, Chien-Kuo 937 Old Hickory Road Pittsburgh PA 15243	AN	KIM, MD, Jee Chil Jeff Ctr Box 18119 Pittsburgh PA 15238	PM	KRAUS, MD, David R 1501 Locust St Pittsburgh PA 15219	ORS	LAMP JR, MD, Clyde B 8101 Jenkins Arcade Pittsburgh PA 15222	PT
JAOUISS, MD, G William 3600 Forbes Ave Ste 606 Pittsburgh PA 15213	OTO	KAPLAN, MD, Carl Pride And Locust Sts Pittsburgh PA 15219	R	KIM, MD, Scott S Bldg 1 102 Oneil Vlg McKeesport PA 15132	GS	KRAUSE, MD, Gilbert 1000 Spanish River Rd Boca Raton FL 33432	IM	LAMAUZE, MD, Harry E 1028 Walnut St McKeesport PA 15132	OTI
JENA, MD, Milton 552 N Neville St Pittsburgh PA 15213	IM	KAPOOR, MD, Rejeshwar D 920 Gerden Plece Glenshaw PA 15118	IM	KIM, MD, Sung Y 1285 Fox Chapel Rd Pittsburgh PA 15238	R				

NDAU, MD, Philip M 12 Herrow Dr Pittsburgh PA 15236	IM	LENOX, MD, Cora C Childrens Hosp Pittsburgh PA 15213	PD	LIMA, MD, Cleudio A 532 S Aiken Ave Pittsburgh PA 15232	TS	MACDONALD, MD, Robert R 1699 Washington Rd Pittsburgh PA 15228	PD	MARKS, MD, Stanley M 6421 Bertlett St Pittsburgh PA 15217	IM
NDAY, MD, Louis H 725 S Ocean Dr Apt 1117 Olywood FL 33019	IM	LENOX, MD, John E 220 N Dithridge St A1003 Pittsburgh PA 15213	D	LIN, MD, Ming-Shek 61 Locksley Dr Pittsburgh PA 15235	FP	MACHAJ, MD, Theodore S Mercy Hosp Pittsburgh PA 15219	AN	MARLER JR, MD, Bertrend J 100 Delsfield Rd Ste 201 Pittsburgh PA 15215	NS
NDAY, MD, Ronelid A 520 Fifth Ave Pittsburgh PA 15213	IM	LENTZ, MD, Kenneth H Card Med Ass Forest Plz Pittsburgh PA 15221	IM	LIN, MD, Rong-Chung 9909 Frankstown Rd Pittsburgh PA 15235	U	MACHIRAJU, MD, Ratnam V #101 1000 Bowerhill Rd R Pittsburgh PA 15220	TS	MARNATTI, MD, Carl T 4615 Liberty Ave Pittsburgh PA 15224	FP
NDERMAN, MD, Nathaniel S 471 Fifth Ave Pittsburgh PA 15213	IM	LEON, MD, Donelid F Scale Hall U Of Pgh Pittsburgh PA 15261	IM	LINDBLAD, MD, John H 204 Kenmore Dr Monroeville PA 15146	PD	MACHLUS, MD, Berry J 4301 Middle Rd Allison Park PA 15101	FP	MARON, MD, Joseph C Univ Pgh School Of Med Pittsburgh PA 15213	NS
NDFAIR, MD, Roy J 501 Locust St Pittsburgh PA 15219	IM	LEONARD, MD, Chsries F 1259 Folkstone Dr Pittsburgh PA 15243	P	LINDENBAUM, MD, Jorge 3101 Brownsville Road Pittsburgh PA 15227	IM	MACLACHLAN, MD, Margaret J 4615 Liberty Ave Pittsburgh PA 15224	IM	MARQUEZ, MD, P Alonso Montefiore Hosp Pittsburgh PA 15213	R
NDON JR, MD, Lyndon H 815 Liberty Ave Pittsburgh PA 15224	GS	LEONARDO, MD, Frank A 301 Caldwell Ave Wilmerding PA 15148	FP	LINHART, MD, Rendolph W 101 Emerson Ave Pittsburgh PA 15215	OPH	MACLAY, MD, Patricia L 2293 Beechwood Blvd Pittsburgh PA 15217	IM	MARRANGONI, MD, Albert G 20 Cedar Blvd Pittsburgh PA 15226	TS
NE, MD, Paul W 230 State Ave Jopopolis PA 15108	FP	LERBERG, MD, David B Univ Of Pgh Dept Surg Pittsburgh PA 15213	GS	LINHART, MD, William O 4615 Liberty Ave Pittsburgh PA 15224	OPH	MACLEOD, MD, Gordon K Rm 232 U Of Pa Sch Hlth Pittsburgh PA 15261	IM	MARRYSHOW, MD, Basil A 9086 Perry Hwy Pittsburgh PA 15237	ORS
NG, MD, Edward J 550 Lexington Dr #214 Summont TX 77706	US	LESLIE JR, MD, M Russell 126 N Craig St Pittsburgh PA 15213	ORS	LINN JR, MD, Jey G 780 Centre City Twr Pittsburgh PA 15222	OPH	MACMILLAN, MD, Bruce B 4500 Penn Ave Ste F Pittsburgh PA 15201	OTO	MARSHALL JR, MD, Metthew 4615 Liberty Ave Pittsburgh PA 15224	U
NG, MD, Howard N 026 Brownsville Rd Pittsburgh PA 15227	IM	LEUKHARDT, MD, Susan L 400 Penn Cir Blvd Pittsburgh PA 15235	IM	LIPAPIS, MD, Christy N 207 Picture Dr Pittsburgh PA 15236	IM	MADOFF, MD, Henry R 532 S Aiken Ave Pittsburgh PA 15232	TS	MARSHALL, MD, William C 39 N Linwood Ave Pittsburgh PA 15205	PRM
NGOL JR, MD, George 2 Old Clairton Rd Pittsburgh PA 15236	PD	LEVENDORF, MD, Melvin 2614 Liberty Way Mc Keesport PA 15133	FP	LIPMAN, MD, Rodney C P O Box 16137 Pittsburgh PA 15236	IM	MAGOVERN, MD, George J Ste 302 490 E North Ave Pittsburgh PA 15212	TS	MARTIN, MD, Charles D 2213 Brownsville Rd Pittsburgh PA 15210	FP
NSON, MD, Freeman A 91 N W 10th St Joca Reon FL 33431	GS	LEVEY, MD, Gereld S 922 Sceife Hall Pittsburgh PA 15261	GS	LIPSITZ, MD, H David 7070 Forward Ave Pittsburgh PA 15217	IM	MAHAN, MD, James C 3233 Brownsville Rd Pittsburgh PA 15227	FP	MARTIN, MD, Fredric W West Penn Hosp Pittsburgh PA 15224	IM
NZ JR, MD, Robert J 21 Sangree Rd Pittsburgh PA 15237	P	LEVICK, MD, Mervin H 3301 Wm Penn Hwy Pittsburgh PA 15235	FP	LLOYD, MD, Jon C 5131 Pembroke Place Pittsburgh PA 15232	GS	MAHSOOB, MD, Abdul-Hamed 9104 Babcock Blvd - 2111 Pittsburgh PA 15237	PD	MARTIN, MD, Menuel T 5 Grandview Ave Pittsburgh PA 15211	GS
NZ, MD, Richard K 15 Washington Rd Pittsburgh PA 15228	PD	LEVINE, MD, Macy I 3347 Forbes Ave Pittsburgh PA 15213	IM	LOBAS, MD, David M 9102 Bebbcock Blvd #203 Pittsburgh PA 15237	N	MAIVALD, MD, Pavel St Francis Gen Hosp Pittsburgh PA 15201	AN	MARTIN, MD, Thoms W 1715 Atkinson Pl Pittsburgh PA 15235	US
NRKIN, MD, Glenn M 42 Fourth Ave Pittsburgh PA 15219	PTH	LEVINE, MD, Phillip R 3471 5th Ave Pittsburgh PA 15213	IM	LOBES JR, MD, Louis A 230 Lothrop St Pittsburgh PA 15213	OPH	MAKHIIJA, MD, Kailesh R 5626 5th Ave B-10 Pittsburgh PA 15232	OBG	MARTINEAU, MD, Perry C 1500 Fifth Ave McKeesport PA 15132	PTH
NSCHEID, MD, William P O Cedar Blvd Pittsburgh PA 15226	D	LEVINE, MD, Sheldon R Essex House Pittsburgh PA 15208	PD	LOBL, MD, Lawrence T 401 Shady Ave #107D Pittsburgh PA 15206	P	MALCOLM, MD, John A 5850 Meridian Rd Gibsonia PA 15044	N	MARTINEZ, MD, Augusto J 111 Emily Dr Pittsburgh PA 15215	N
NUDER, MD, James L 11 Weter St Elizabeth PA 15037	FP	LEVINSON, MD, Julian P 3471 5th Ave 5th Fl Pittsburgh PA 15213	IM	LOCKE, MD, David L 200 Roberts Dr Munhall PA 15120	FP	MALHOTRA, MD, Narinder K 7407 Irving St Pittsburgh PA 15218	IM	MARTONE, MD, Christine 12 Eastern Ave Pittsburgh PA 15215	P
NUHLIN, MD, Robert M 1 Sally Port Rd Aliton Hd Is SC 29928	IM	LEVIS, MD, Michael P 4725 McKnight Rd Pittsburgh PA 15237	GS	LOGAN, MD, Kenneth M 130 Cornell Ave Pittsburgh PA 15229	FP	MALIA, MD, Joseph E 151 S 20th St Pittsburgh PA 15203	R	MARTONE, MD, Louis H 100 Delsfield Rd Ste 202 Pittsburgh PA 15215	D
NUWSKY, MD, Alan R Montefiore Hosp Dpt Rad Pittsburgh PA 15213	R	LEVISON, MD, David J 5529 Berlington Rd Pittsburgh PA 15217	FP	LOH, MD, Terence T 5147 Forbes Ave Pittsburgh PA 15213	R	MALINOWSKI, MD, John A 253 Old Haymaker Rd Monroeville PA 15146	OBG	MASTANDREA, MD, Carl A 1270 Hamilton Rd Pittsburgh PA 15234	IM
NYTON, MD, Thomas R Mercy Hospital Pittsburgh PA 15219	GS	LEVRI, DO, James 6300 Wilmet Rd Bethesda MD 20034	AN	LONG, MD, Edwin T 4615 Liberty Ave Pittsburgh PA 15224	TS	MALIT, MD, Fiorello G 2380 Jenkinson Dr Pittsburgh PA 15237	AN	MASTERS, MD, Raymond E 1144 Broadway E Mc Keesport PA 15035	PRM
NY, MD, Van Denh 395 Southridge Dr Pittsburgh PA 15241	GS	LEVY, MD, Leslie J 3471 5th Ave 10th Fl Pittsburgh PA 15213	IM	LONG, MD, Thomas C 3031 Sturbridge Ct Allison Park PA 15101	FP	MALIT, MD, Paulita Y 2380 Jenkinson Dr Pittsburgh PA 15237	AN	MASTERS, MD, Ruth S 1144 Broadway E Mc Keesport PA 15035	FP
NYB, MD, Daniel E 149 Sunrise Dr Pittsburgh PA 15243	IM	LEVY, MD, Marehell S 3500 Fifth Ave Pittsburgh PA 15213	IM	LONGBAUGH, MD, Edward E 9102 Babcock Blvd Pittsburgh PA 15237	GS	MALLINGER, MD, Micheel 115 Tangelo Dr Cleirtion PA 15025	IM	MATEER, MD, Frnsk M West Penn Hospital Pittsburgh PA 15224	IM
NYBOVITZ, MD, Allen E 1415 5th Ave Pittsburgh PA 15213	P	LEVY, MD, Reinhardt D 3500 5th Ave Pittsburgh PA 15213	FP	LORENZ III, MD, Stephen A Mercy Hosp Pittsburgh PA 15219	US	MALLIT, MD, Melvin L 115 High Park Pl Pittsburgh PA 15206	FP	MATYOSKA, DO, Joseph W 631 Sherwood Ave Pittsburgh PA 15204	FP
NYBOVITZ, MD, Charles N 3471 5th Ave Pittsburgh PA 15213	GS	LEWIN, MD, Julian R 1400 Locust St Pittsburgh PA 15219	R	LOVE, MD, Joseph R 11676 Perry Hwy Prol Bld Wexford PA 15090	FP	MALLOTT, MD, I Floyd 3700 Fifth Ave Pittsburgh PA 15213	P	MAXWELL, MD, Ned G 612 5th Ave Pittsburgh PA 15219	PTH
NYBOVITZ, MD, Jerome J lenkins Bldg Pittsburgh PA 15222	IM	LEWIN, MD, Karl K 3400 Forbes St Pittsburgh PA 15213	P	LOWDER JR, MD, Ralph J 6855 Frankstown Ave Pittsburgh PA 15208	R	MALLOY, MD, Edweld L 1011 Carlisle St Natrone Hgts PA 15065	IM	MAY, MD, Mark M 3600 Forbes Ave Pittsburgh PA 15213	OTO
NYCHMANICK, MD, Eugene A 306 C Glen Douglas Dr Shenshaw PA 15116	FP	LEWIS JR, MD, Howard T 1241 Peermont Ave Pittsburgh PA 15216	FP	LOWERY, MD, Wille D 119 Sunnyside Dr Pittsburgh PA 15237	OBG	MAMULA, MD, Milton 502 Brookline Blvd Pittsburgh PA 15228	FP	MAZER, MD, Julius 5501 Hobart St Pittsburgh PA 15217	R
NYE, MD, Foo T 532 S Aiken Ave Pittsburgh PA 15232	OBG	LEWIS, MD, Douglas E 532 S Aiken Ave Pittsburgh PA 15232	U	LOWY JR, MD, Alexander D 4615 Liberty Ave Pittsburgh PA 15224	IM	MANDELKORN, MD, Robert M 4401 Penn Ave Ste 1560 Pittsburgh PA 15224	OPH	MAZZA, MD, Joseph L 6243 Bramble Ln Pittsburgh PA 15237	IM
NYE, MD, James J 1601 5th Ave Pittsburgh PA 15213	U	LEWIS, MD, Robert E 532 S Aiken Ave Pittsburgh PA 15232	IM	LOZANO, MD, Ramon G 1006 Golfview Dr McKeesport PA 15135	IM	MANN, MD, Richard M 515 Sinclair St Mc Keesport PA 15132	OBG	MAZZEI, MD, Joseph M 1142 Nevsds St Pittsburgh PA 15216	R
NYE, MD, Kwen I Ohio Vly Gen Hosp McKees Rocks PA 15136	AN	LEWIS, MD, Richard P 354 Maxwell Dr Pittsburgh PA 15236	GS	LUBIC, MD, Lowell G 3600 Forbes Ave Pittsburgh PA 15213	N	MANNING, MD, Dennis M 142 Morrison Dr Pittsburgh PA 15218	IM	MCAFOOS, MD, J Allen 726 South Ave Pittsburgh PA 15221	CRS
NYE, MD, Oak J 710 Broadway McKees Rocks PA 15136	OBG	LEZEK, MD, Vincent J 2008 Grandview Ave Mc Keesport PA 15132	PD	LUDMER, MD, Merio 9104 Babcock Bvd 2116 Pittsburgh PA 15237	NS	MANSMANN, MD, James A Foxglove Hill Bx 86 Bakerstown PA 15007	IM	MCAVOY, MD, J Allen Pittsburgh PA 15224	OPH
NYE, MD, Robert E Presbyterien Univ Hosp Pittsburgh PA 15213	PTH	LIANG, MD, David Y 162 Monticello Dr Monroeville PA 15146	GS	LUMISH, MD, Robert M 1506 Valley Court Upper St Clair PA 15241	US	MANTELL, MD, Donald J Rd 4 Woodland Ave Butler PA 16001	US	MCCAGUE, MD, James J 1501 Locust St Pittsburgh PA 15219	R
NYE, MD, Sangeui L 201 Nerragenseit Dr McKeesport PA 15135	AN	LIANG, MD, Maria 9104 Babcock Blvd Pittsburgh PA 15237	N	LUNS福德, MD, Lawrence D 7531 Tuscarora St Pittsburgh PA 15208	NS	MANTIA, MD, August M 142 Hidden Valley Dr Pittsburgh PA 15237	OTO	MCCAGUE, MD, Ned J 1501 Locust St Pittsburgh PA 15219	R
NYECH, MD, John W 3100 S Ocean Blvd Apt 62 Highland Beach FL 33431	PD	LIANG, MD, Ping-Tchang Allegheny Valley Hosp Natrone Hgts PA 15065	PTH	LUPARELLO, MD, Frank J 1400 Locust St Pittsburgh PA 15219	IM	MANZETTI, MD, Gene W 500 Lewis Run Rd Pittsburgh PA 15236	TS	MCCAGUE, MD, Ned J 1501 Locust St Pittsburgh PA 15219	U
NYEN, MD, Raymond L 220 N Dithridge 501 Pittsburgh PA 15213	R	LICHTER, MD, Isadore A Apt 303 625 N Van Buren Tucson AZ 65711	FP	LUPARELLO, MD, Angelo D 2398 Bellwood Dr Pittsburgh PA 15237	IM	MARASCO JR, MD, Joseph A St Francis Hosp Dept Rad Pittsburgh PA 15201	R	MCCAGUE, MD, Ned J 1501 Locust St Pittsburgh PA 15219	U
NYEFF, MD, Bernard 1456 N Highland St Pittsburgh PA 15206	OTO	LICHTER, MD, James G 223 Elmtree Rd New Kensington PA 15066	IM	LUPINETTI, MD, Michael F 791 Scrubgrass Rd Pittsburgh PA 15243	OBG	MARATTA, MD, Jen W 1345 Corsopolis Hts Rd Coreopolis PA 15106	US	MCCLELLAN, MD, William A Gull Oil Corp Po Bx 1186 Pittsburgh PA 15230	ORS
NYEHMAN, MD, Ciers M 801 Washington Ave Tyrone PA 16688	IM	LIDDELL, MD, J Spencer Suburban Gen Hosp Pittsburgh PA 15202	FP	LUTHRA, MD, Demyanti 1723 Fifth Ave Arnold PA 15066	OBG	MARCUS, MD, Florence L 101 Menorview Rd 206 Pittsburgh PA 15220	FP	MCCLELLAN, MD, William A Gull Oil Corp Po Bx 1186 Pittsburgh PA 15230	PRM
NYEIBOWITZ, MD, Leonerd D 610 Winterberry Rd Monroeville PA 15146	PD	LIEBLER, MD, George A Ste 302 490 E North Ave Pittsburgh PA 15212	TS	LUTHRA, MD, Menmohsn 1723 5th Ave Arnold PA 15066	IM	MARCY, MD, Joseph H 125 De Solo St Pittsburgh PA 15213	AN	MCCLELLAN, MD, William A Gull Oil Corp Po Bx 1186 Pittsburgh PA 15230	GS
NYEMONCELLI, MD, Gary L 5660 Ponte Verde Rd Pensecola FL 32507	IM	LIEDKE, MD, Richard D 262 Courtney Pl Wexford PA 15090	IM	LYONS, MD, Lawrence L McKeesport Hosp McKeesport PA 15132	OBG	MARGOLIS, MD, Harry M 6640 Forest Glen Rd Pittsburgh PA 15217	IM	MCCLELLAN, MD, William A Gull Oil Corp Po Bx 1186 Pittsburgh PA 15230	IM
NYEMPERT, MD, Steven L 1420 Centre Ave Pittsburgh PA 15219	OPH	LIGGETT, MD, Joseph G 214 S Trenton Ave Pittsburgh PA 15221	GS	MACDONALD, MD, Douglas A 403 Jannet Bldg Monroeville PA 15146	OBG	MARKS, MD, Fred S 3520 Leketon Rd Pittsburgh PA 15235	PD	MCCLOSKEY, MD, Richard C 733 Washington Rd Pittsburgh PA 15226	OBG
NYENKEY, MD, Joseph L 8843 Alcome Dr Pittsburgh PA 15235	R	LIGGETT, MD, John S 337 Beaver St Sewickley PA 15143	GS	MACDONALD, MD, George F 450 Holland Ave Apt 201 Brsddeck PA 15104	CRS	MARKS, MD, Pauline C 852 Church Road Elkins Park PA 19117	FP	MCCLOWRY, MD, James T 315 North St Springdale PA 15144	FP

MCCOLLUM, MD, George R 355 Bailey Ave Pittsburgh PA 15211	FP	MELLON JR, MD, Wilbur S 4800 Friendship St Pittsburgh PA 15224	R	MINES, MD, Samuel C 1000 Bower Hill Rd 207 Pittsburgh PA 15243	IM	MURPHY, MD, Gregory L 2117 Columbus Ave Swissvale PA 15216	EM	NIGBOROWICZ, MD, Ronald J 6938 Blenheim Court Pittsburgh PA 15206	US
MCCONNELL JR, MD, David M 117 N Linden Ave Pittsburgh PA 15208	PD	MELNICK, MD, Brian M 785 College Ave #206 Pittsburgh PA 15232	AN	MINNO, MD, Alexander M 3360 Fifth Ave Pittsburgh PA 15213	IM	MUSGRAVE, MD, Ross H 3600 Forbes St Pittsburgh PA 15213	PS	NILL, MD, Carl F 737 Osage Rd Pittsburgh PA 15243	IN
MCCONNELL, MD, Rebecca B 80 Standish Blvd Pittsburgh PA 15228	US	MELOTTI, MD, Peter M 1053 Lakemont Dr Pittsburgh PA 15243	PM	MISAGE, MD, John R 674 Trotwood Ridge Rd Pittsburgh PA 15241	IM	MUSMANNO, MD, Samuel A Oh Valley Gen Hosp Ste 5 McKees Rocks PA 15136	GS	NISTA, MD, Joseph A 1206 Tynfield Rd Oakmont PA 15139	OP
MCCORMICK, MD, Alexander R 671 Osage Rd Pittsburgh PA 15243	IM	MENDELOW, MD, Harvey Montefiore Hosp Pittsburgh PA 15213	PTH	MISTRY, MD, Chandrevadan M 5245 Centre Ave Pittsburgh PA 15232	IM	MYERS, MD, Eugene N 230 Lothrop St Rm 919 Pittsburgh PA 15213	OTO	NITZBERG, MD, Robert S 607 Timber Ln Sewickley PA 15143	IN
MCCORMICK, MD, Lee H 2706 Brownsville Rd Pittsburgh PA 15227	IM	MENDELSON, MD, S Robert West Penn Hospital Pittsburgh PA 15224	OBG	MITCHELL, MD, Fenton M Western Pa Hosp Pittsburgh PA 15224	IM	NADLER, MD, M Princeton 1099 Ohio River Blvd Sewickley PA 15143	OPH	NIX, MD, Robert D 316 1/2 Grant St Sewickley PA 15143	PE
MCCORMICK, MD, Richard H 539 Lincoln Ave Pittsburgh PA 15202	FP	MERENSTEIN, MD, Joel H 7175 Seltaburg Rd Pittsburgh PA 15235	FP	MITCHELL, MD, Harold L 4904 Bayerd St Pittsburgh PA 15213	P	NAGARAJAN, MD, Ganesan Star Rt Box 56-1 Scottsdale PA 15683	R	NOBEL, MD, Helen V 1216 Beechwood Blvd Pittsburgh PA 15206	FR
MCCOY III, MD, William H 301-200 S Hills Vil Pittsburgh PA 15241	PS	MERING JR, MD, James H 2220 Behnia Vista St #G-6 Sereos FL 33579	OBG	MITCHELL, MD, John Ste 302 490 E North Ave Pittsburgh PA 15212	TS	NANGIA, MD, Sushma R Suburban Gen Hosp Pittsburgh PA 15202	PTH	NODEN, MD, George T 5142 Butler St Pittsburgh PA 15201	FF
MCCOY, MD, Thomas D West Penn Hosp Pittsburgh PA 15224	OBG	MERMELSTEIN, MD, Howard A 161 N Dithridge St Pittsburgh PA 15213	PD	MITRE, MD, Ricardo J 530 Wm Penn Pl Pittsburgh PA 15219	IM	NAPOLEON, MD, Louis N 1124 Folkstone Dr Pittsburgh PA 15243	FP	NOLAN, MD, Sean 220 N Dillbridge St-606 Pittsburgh PA 15213	IM
MCDERMOTT, MD, Robert W 611 Ann St Homestead PA 15120	IM	MERMELSTEIN, MD, Milton 3012 Riverview Ave McKeesport PA 15132	FP	MITRO, MD, William 1535 Broadway Pittsburgh PA 15216	FP	NARDELLA JR, MD, Guy M 5559 Beecon St Pittsburgh PA 15217	GS	NOLAND, MD, Robert B 624 Betheny Drive Pittsburgh PA 15243	OPH
MCDONALD JR, MD, Robert H 7416 Richland Mnr Dr Pittsburgh PA 15208	OS	META, MD, Louis D Mercy Hospital Pittsburgh PA 15219	IM	MLECKO, MD, Lawrence M 9102 Babcock Blvd Pittsburgh PA 15237	IM	NARDUZZI, MD, Joann V Mercy Hosp Pittsburgh PA 15219	IM	NOTHMANN, MD, Bruce J 1320 Fifth Ave Ste A McKeesport PA 15132	IM
MCDOWELL, MD, Mery J Mercy Hosp Dept Of Pd Pittsburgh PA 15219	PD	METZ, MD, Walter A 115 Deleno Dr Pittsburgh PA 15236	FP	MODIC, MD, Christopher W Sewickley Valley Hosp Sewickley PA 15143	R	NATALI, MD, Daniel E 4326 Northern Pike Monroeville PA 15146	OBG	NOVAK, MD, Joseph St Francis Gen Hosp Pittsburgh PA 15201	PN
MCELROY, MD, Walter D 522 Walnut St McKeesport PA 15132	IM	METZGER, MD, Charles W 344 Lincoln Ave Pittsburgh PA 15202	FP	MOHN, MD, Kimball W 206 Montclair Ave Pittsburgh PA 15229	IM	NAUGLE, MD, Ingrid E 2 Thornridge Dr Pittsburgh PA 15202	R	NOVAK, MD, Joseph F 36 Glen Ridge Lane Pittsburgh PA 15243	OPH
MCGARVEY, MD, Myron L Box 406 Bridgeville PA 15017	FP	MICHAELS, MD, Bernard I 161 N Dithridge St Pittsburgh PA 15213	PD	MONARDO, MD, Altred 300 Penn Ctr Blvd Pittsburgh PA 15235	OBG	NAYAK, MD, Shobha 124 Locust Dr Pittsburgh PA 15237	AN	NOVOGRADAC, MD, William E 532 S Aiken Ave Ste 412 Pittsburgh PA 15232	GS
MCGARVEY, MD, Richard N 2566 Heymaker Rd Monroeville PA 15146	OBG	MICHAELS, MD, Milton M 3600 Forbes Ave Pittsburgh PA 15213	IM	MONDINO, MD, Bartly J Eye & Ear Hosp Pittsburgh PA 15213	OPH	NAYAK, MD, Teller N 1504 Bower Hill Rd Pittsburgh PA 15243	NS	NUFFIELD, MD, Edward J Western Psych Inst Pittsburgh PA 15261	F
MCGEORGE, MD, Francis R 501 Maplewood Ave Ambridge PA 15003	FP	MICHEL, MD, Elliot M 316 Second Ave Terentum PA 15084	N	MONDZELEWSKI, MD, James P 174 Parkridge Ln Pittsburgh PA 15226	OPH	NEAL, MD, Rolend A 726 South Ave Pittsburgh PA 15221	FP	NULL, MD, Henry M 9104 Babcock Blvd 2106 Pittsburgh PA 15237	GS
MCGREEVY, MD, James M 5914 Walnut St 201 Pittsburgh PA 15232	GS	MIDDLEMAN, MD, Rose R 3421 Ridgewood Dr Pittsburgh PA 15235	PRM	MONTGOMERY, MD, Edward S 400 Lock St Terentum PA 15084	FP	NEALON, MD, Rita C 4750 S Ocean Blvd Boce Raton FL 33431	PD	NUNEZ, MD, Hermes 756 Chertiers Ave McKees Rocks PA 15106	GS
MCHENRY, MD, Thomas 615 Washington Rd Pittsburgh PA 15226	PD	MIDDLETON, MD, Donald B St Margaret Mem Hosp Pittsburgh PA 15201	IM	MOONEY, MD, William E St Francis Gen Hosp Pittsburgh PA 15201	P	NEALON, MD, William K 4750 S Ocean Blvd #808 Highland Bch FL 33431	OBG	OBRIEN, MD, Robert G 1410 Candlewood Dr Pittsburgh PA 15241	OBG
MCHUGH, MD, Elmer F 367 Butler St Pittsburgh PA 15223	IM	MIGLIORATO, MD, Jeen K 4702 Hevane Dr Pittsburgh PA 15239	FP	MOORE, MD, Charles C 5700 Bunkerhill St Pittsburgh PA 15206	GS	NEFT, MD, Burton H 1200 Centre Ave Pittsburgh PA 15219	PS	OCONNOR, MD, John P 45th St Dept Of Rad Pittsburgh PA 15201	OBG
MCHUGH, MD, Richard D Allegh Gen Hosp An Dept Pittsburgh PA 15212	AN	MIKITA, MD, John J 537 Hamilton Rd Pittsburgh PA 15205	R	MORACA, MD, John I 701 Broad St Sewickley PA 15143	OBG	NEIMAN, MD, Lee M 302 Jenkins Bldg Pittsburgh PA 15222	IM	OCONNOR, MD, Mery K 102 Horizon Dr Pittsburgh PA 15237	IN
MCKEATING, MD, Philip J 404 Atwood St Pittsburgh PA 15213	FP	MIKLOS, MD, Bernard G 5th & Evens McKeesport PA 15132	IM	MORAITIS, MD, Constantine Z 4101 Brownsville Rd Pittsburgh PA 15227	OPH	NELK, MD, Franklin K 1500 Cochran Rd #802 Pittsburgh PA 15243	IM	ODDI, MD, Frederick J 3721 Sardis Rd Murrysville PA 15666	FF
MCKEE, MD, Claude W 5390 Library Rd Bethel Park PA 15102	OTO	MIKLOS, MD, Michael V 2135 Neal Dr McKeesport PA 15135	NS	MORALES, MD, Augustin P 513 N Neville St Apt 6 Pittsburgh PA 15213	PTH	NELLAS, MD, Constantine L 401 Wood St Ste 903 Pittsburgh PA 15222	IM	ODONNELL, MD, John H Sewickley Valley Hosp Pittsburgh PA 15143	AN
MCKENNA, MD, Richard 1501 Locust St Pittsburgh PA 15219	OBG	MIKULLA, MD, John M 2400 Ardmore Blvd #220 Pittsburgh PA 15221	OPH	MORGAN, MD, Allen V 4616 5th Ave Pittsburgh PA 15213	IM	NELSON, MD, Lyle M 719 Jenkins Bldg Pittsburgh PA 15222	IM	ODONNELL, MD, John M 1400 Locust St Pittsburgh PA 15219	IN
MCKENZIE, MD, Rey Dp Of Anes Meg Wom Hosp Pittsburgh PA 15213	AN	MILAI JR, MD, A Samuel 444 Mc Elheney Rd Glenshaw PA 15116	AN	MORGAN, MD, Theodore J Rt 2 Box 517 Ridgeland SC 29936	GS	NELSON, MD, Paul B 230 Lothrop St Pittsburgh PA 15213	NS	ODONNELL, MD, Walter F 525 Academy Ave Sewickley PA 15143	L
MCLAUGHLIN, MD, James T 121 University Pl Pittsburgh PA 15213	P	MILBURN, MD, Robert E 1200 Chertiers Ave McKees Rocks PA 15136	OTO	MORRIS, MD, Leslie E 2312 Marbury Rd Pittsburgh PA 15221	OS	NELSON, MD, Theodore C 449 Shedy Ave Bridgeville PA 15017	R	OEHRLE, MD, John S Ohio Vly Gen Hosp McKees Rocks PA 15136	PTH
MCLAUGHLIN, MD, William B Berkeley Forest Weems VA 22576	ORS	MILLER JR, MD, Clarence M 436 Oliver Rd Sewickley PA 15143	PTH	MORRIS, MD, Sam E Dpt Of Red St Francis H Pittsburgh PA 15201	R	NETTROUR III, MD, W Scott 9104 Babcock Blvd 6111 Pittsburgh PA 15237	ORS	OESTERLING JR, MD, Everett F 1174 Harvard Pl Pittsburgh PA 15205	PTH
MCMMASTER, MD, James H 490 E North Ave Pittsburgh PA 15212	ORS	MILLER, MD, David L 3520 5th Ave Pittsburgh PA 15213	PD	MORRIS, MD, William J 474 Old Farm Rd Pittsburgh PA 15226	OBG	NETTROUR, MD, Lewis F 9104 Babcock Blvd 6111 Pittsburgh PA 15237	ORS	OH, MD, Kook Sang Childrens Hosp Pittsburgh PA 15213	F
MCMILLAN, MD, Donald L 794 Washington Rd Pittsburgh PA 15226	FP	MILLER, MD, Frederick A 201 Penn Center Blvd Pittsburgh PA 15235	PD	MORROCCO, MD, John D 505 E Main St Carnegie PA 15106	OBG	NETTROUR, MD, Walter S 9601 Kummer Rd Allison Pk PA 15101	GS	OKEEFE, MD, James F 211 N Whitfield St Pittsburgh PA 15208	IN
MCMILLAN, MD, James E 1932 Mt Royal Blvd Glenshaw PA 15116	FP	MILLER, MD, Herbert D 401 Shady Ave Pittsburgh PA 15208	P	MOSKOWITZ, MD, Barry D 2150 Wightmen St Pittsburgh PA 15217	OPH	NEW 2ND, MD, John A 4637 Doverdell Dr Pittsburgh PA 15236	OBG	OKOBI, MD, Anthony N 2320 Shedy Ave Pittsburgh PA 15217	OTO
MCMILLAN, MD, William B 1054 Summer Pl Pittsburgh PA 15243	IM	MILLER, MD, Harry I 3500 5th Ave Pittsburgh PA 15213	IM	MOSLEY, MD, Mark R 1515 Locust St 6B Pittsburgh PA 15219	IM	NEWBERG, MD, Jay A 425 Sinclair St McKeesport PA 15132	OPH	OLAH, MD, George W 3944 Nantasket St Pittsburgh PA 15207	FF
MCNALL, MD, Pearl G 1400 Locust St Pittsburgh PA 15219	AN	MILLER, MD, Kenneth F 541 Perry Highway Pittsburgh PA 15229	FP	MOSS JR, MD, Vassar Y 3600 Forbes St Pittsburgh PA 15213	OBG	NEWTON, MD, Rex H 1119 Macon Ave Pittsburgh PA 15216	PM	OLIVER JR, MD, Thomas K Childrens Hosp Pittsburgh PA 15213	PC
MCNAUGHER, MD, William M 6850 Reynolds St Pittsburgh PA 15208	GS	MILLER, MD, Richard H 61 Longue Vue Dr Pittsburgh PA 15226	R	MRVOS, MD, Miles D P O Box 7774 Pittsburgh PA 15215	GS	NGUYEN, MD, Nghi V Allegheny Vell Hosp Pittsburgh PA 15065	AN	OMALLEY, MD, Donald F 15 Holland Rd Pittsburgh PA 15235	ORS
MCQUADE, MD, James H 1025 Carlisle St Natrona Hts PA 15065	FP	MILLER, MD, Samuel G 3500 5th Ave Pittsburgh PA 15213	OTO	MUCHLADO, MD, Felix J 1307 Union Ave Natrona Hts PA 15065	FP	NICASSIO, MD, Anthony 12036 Frankstown Rd Pittsburgh PA 15235	IM	ONEIL, DO, Robert J 1809 Pine Hollow Rd McKees Rocks PA 15136	FF
MCVAY, MD, William J 4627 5th Ave Pittsburgh PA 15213	OPH	MILLER, MD, Stephen J Allegheny Valley Hosp Natrona Hts PA 15065	PTH	MUHONEN, MD, Oliver A 216 Picture Dr Pittsburgh PA 15236	PRM	NICHOLS, MD, William R 9104 Babcock Blvd-2111 Pittsburgh PA 15237	PD	ONG, MD, Jimmy J 4615 Liberty Ave Ste 410 Pittsburgh PA 15224	N
MEANOR JR, MD, Harold H 1165 Yarnell Ave Lake Wales FL 33853	OBG	MILLER, MD, William B 2165 Centre Ave Pittsburgh PA 15219	FP	MUKHOPADHYAY, MD, Sukanta K 1615 Penna Ave West Mifflin PA 15122	GS	NICKENS, MD, Charles G Uaph 4th Fl Po-Cis Bldg Pittsburgh PA 15219	FP	ONQUE, MD, Gloria C 401 Shedy Ave Pittsburgh PA 15206	F
MEDINA, MD, Jocylene L Childrens Hospital Pittsburgh PA 15213	PD	MILLER, MD, William H 532 S Aiken Ave Rm 400 Pittsburgh PA 15232	IM	MULHERN, MD, Lawrence M Mercy Hospital Pittsburgh PA 15219	IM	NICKENSON, MD, Robert W 401 Wood St Pittsburgh PA 15222	OBG	ORIE, MD, John R 9102 Babcock Blvd Pittsburgh PA 15237	IN
MEHOK, MD, Ronald G 1099 Ohio River Blvd Sewickley PA 15143	ORS	MILLIGAN, MD, Robert S 5640 Brownsville Rd Pittsburgh PA 15236	FP	MUNOZ, MD, Juan T 1000 Bower Hill Rd Pittsburgh PA 15243	IM	NICKERSON, MD, Robert W 401 Wood St Pittsburgh PA 15222	OPH	ORLANDO, MD, Salvatore J 216 Springhouse Ln Pittsburgh PA 15236	PE
MEHTA, MD, Harshad 440 Chatham Pk Dr Apt 2A Pittsburgh PA 15220	IM	MILLO, MD, Richard A 7050 Jenkins Arcade Pittsburgh PA 15222	P	MURPHEY, MD, Stephen M 3520 Fifth Ave Pittsburgh PA 15213	IM	NICKLAS, MD, Floyd W 222 Allegheny River Blvd Oakmont PA 15139	FP	ORRINGER, MD, David 8114 Jenkins Arcade Pittsburgh PA 15222	GS
MEHTA, MD, Yogini R 2541 Allender Ave Pittsburgh PA 15220	AN	MINDE, MD, Eric J 345 4th Ave Pittsburgh PA 15222	PM	MURPHY JR, MD, Arthur I 108 Halket St Pittsburgh PA 15213	GS	NICOTERO, MD, James A 4401 Penn Ave Ste 1050 Pittsburgh PA 15224	IM	OSHEKA, MD, William 114 Singer Ave McKees Rocks PA 15136	GS
MEISTER, MD, Donald G 6135 Perry Hwy Pittsburgh PA 15237	FP	MINDE, MD, Norman 345 4th Ave Pittsburgh PA 15222	PRM	MURPHY, MD, Charles C 926 Acacie Circle Litchfield Prk AZ 85340	U	NIELAND, MD, Michael L 4401 Penn Ave Pittsburgh PA 15224	D	OSIAL JR, MD, Thaddeus A 965 Scate Hill Pittsburgh PA 15213	IN

MOND, MD, Leslie H 15 S Negley Ave Pittsburgh PA 15206	R	PATTON, MD, Volney G 2605 Lutz La Bethel Park PA 15102	PD	PHILLIPS III, MD, Cheater A 2325 Old Washington Rd Pittsburgh PA 15219	AN	PRETTER, MD, Paul D 153 Kings Dale Road Pittsburgh PA 15221	IM	REED, MD, W Glenn Western Panna Hoap Pittsburgh PA 15224	PTH
OFOSKY, MD, Murray V 40 N Neville St 103 Pittsburgh PA 15213	OBG	PAUL, MD, Hugo B Po Box 55 New Canaan CN 06840	P	PHILLIPS JR, MD, C Aiken 306 Beverly Rd Pittsburgh PA 15218	GS	PRICE JR, MD, Stuart E 4815 Liberty Ave Pittsburgh PA 15224	U	REESE, MD, Edward F 1809 West St Homestead PA 15120	GS
OOLE, MD, James D 230 Centre Ave Pittsburgh PA 15232	IM	PAUL, MD, Richard 161 N Dithridge St Pittsburgh PA 15213	PD	PHILLIPS, MD, Howard T 9104 Babcock Blvd 6111 Pittsburgh PA 15237	ORS	PRICE, MD, Alfred R 279 W Steuben St Pittsburgh PA 15205	FP	REIGEL, MD, Donald H 100 Dalefield Rd #111 Pittsburgh PA 15215	NS
LI, MD, Kuang-Yu 72 Kelvington Dr Monroeville PA 15146	FP	PAUTLER, MD, Stanislav St Francis Gen Hosp Pittsburgh PA 15201	AN	PHILLIPS, MD, Jans A St Francis Hosp Pittsburgh PA 15201	PM	PRIN, MD, William 3515 5th Ave Pittsburgh PA 15213	PD	REILLY JR, MD, James J 1087 Scaife Hall Pittsburgh PA 15281	GS
VENS, MD, E Reese 075 Jenkins Arcade Pittsburgh PA 15222	ORS	PAVLIC, MD, George J 1943 Overland Court Allison Park PA 15101	IM	PHILLIPS, MD, John C 4815 Liberty Ave Pittsburgh PA 15224	IM	PRINGLE, MD, Robert W 300 Fox Chapel Rd Pittsburgh PA 15238	IM	REILLY, MD, James J 3520 Laketon Rd Pittsburgh PA 15235	PD
AT, MD, Florante P McKeesport Hospital McKeesport PA 15135	PTH	PAVLIS, MD, Robert J 1099 Ohio River Blvd Sewickley PA 15143	OPH	PHILLIPS, MD, John G 3600 Forbes Ave Rm 402 Pittsburgh PA 15213	NS	PRIORE, MD, Robert M 1400 S Braddock Ave Pittsburgh PA 15218	OBG	REINMUTH, MD, Oscar M 322 Scaife Hall Dpt N Pittsburgh PA 15281	N
CHTMAN, MD, Isadore 314 Squirrel Hill Ave Pittsburgh PA 15217	OPH	PAVSEK, MD, Edward J 1400 Locust St Pittsburgh PA 15219	R	PHILLIPS, MD, Philip 7506 Travanson Ave Pittsburgh PA 15218	IM	PURPURA, MD, Thomas R 811 Osage Rd Pittsburgh PA 15218	FP	REIS, MD, Claude J 2501 West Ridge #188 Houston TX 77054	US
CIFICO, MD, Ronald L 01 Wood St Arrott Bldg Pittsburgh PA 15222	OPH	PAWAR, MD, Surendra V 5953 Castleton Dr Allison Park PA 15101	R	PHITAYAKORN, MD, Chit 4815 Liberty Ave Pittsburgh PA 15224	TS	QUIETSON-RAVANO, MD, Paraluman R Pittsburgh PA 15221	PTH	REIS, MD, Walter J 228 S Maple Ave Greensburg PA 15601	P
LI, MD, K Gopal Krishna 715 Partridge Run Rd Pittsburgh PA 15241	PD	PAWLOSKY, MD, Frank X 530 Washington Rd Pittsburgh PA 15228	FP	PHITAYAKORN, MD, Prayarett 3 Patricia Ct Pittsburgh PA 15221	AM	QUINLIN, MD, Robert F 3471 Fifth Ave Pittsburgh PA 15213	GS	RENTON, MD, Alan C 301 200 South Hills Vlg Pittsburgh PA 15241	PS
LEPU, MD, Showri McKeesport Hosp McKeesport PA 15132	GS	PEAL, MD, Stanley 1154 Firwood Dr Pittsburgh PA 15243	P	PICARD, MD, George A 4815 Liberty Ave G01 Pittsburgh PA 15224	OBG	QUINT, MD, Donald H 1984 Red Coach Rd Allison Park PA 15101	PTH	RENTON, MD, Gordon L 301-200 F So His Vlg Pittsburgh PA 15241	PS
LKOVITZ, MD, Harry P 600 Forbes Ave Pittsburgh PA 15213	N	PEARLMAN, MD, Reuben H 5225 Collins Ave Apt 7M Miami Bch FL 33140	FP	PIETRAGALLO, MD, Louis D 1828 Tarrie Dr Pittsburgh PA 15241	IM	RABINOWITZ, MD, Jerry P 824 N Negley Ave Pittsburgh PA 15206	FP	RESHMI, MD, Chandrapa S 2708 Brownsville Rd Pittsburgh PA 15227	OPH
LKOVITZ, MD, Joseph 801 2nd Ave Pittsburgh PA 15207	FP	PECMAN, MD, Joanns 127 Marian Ave Glenshaw PA 15116	OBG	PIFER, MD, Gerald W 490 E North Ave Ste 400 Pittsburgh PA 15212	ORS	RADFAH, MD, Nezam Mercy Hospital Peds Pittsburgh PA 15219	PD	REYAK, MD, Conrad S St Francis Hosp Pittsburgh PA 15201	R
LMER, MD, Arthur H 501 Locust St Pittsburgh PA 15219	NS	PEIRSOL, MD, Betty L 3205 Sardis Rd Murrysville PA 15668	GS	PIGOSSI, MD, Dante 2855 E Geddes Ave Littleton CO 80122	FP	RADFAH, MD, Rouhangiz H 1822 Tragona Dr Pittsburgh PA 15241	IM	REYES, MD, Vicente E 2028 Devonwood Dr McKeesport PA 15135	IM
LMER, MD, William D 114 Jenkins Arcade Pittsburgh PA 15212	GS	PEKRUHN III, MD, William F 153 Stanton Court East Pittsburgh PA 15201	FP	PIGOZZI, MD, William N 4706 Walnut St McKeesport PA 15132	FP	RAGER, MD, Ronald 1201 Hoover St Pittsburgh PA 15204	PD	RICE, MD, Eileen M 3600 Forbes Ave Pittsburgh PA 15213	N
LUS, MD, Bernard R 5 Dufr Rd Pittsburgh PA 15235	D	PELKOFER, MD, Cletua G 252 Winebiddle St Pittsburgh PA 15224	R	PINCUS, MD, Jack H 3940 Northern Pike Monroeville PA 15146	FP	RAHNEMA, MD, Abbas Suburban Gen Hosp Pittsburgh PA 15202	R	RICE, MD, Samuel M Warrendale Clinic Warrendale PA 15088	IM
NAHANDEH, MD, Abolhassen 90 E North Ave Pittsburgh PA 15212	CRS	PELLEGRINI, MD, Ronald V 500 Lewis Run Rd Pittsburgh PA 15238	GS	PITCAVAGE, MD, James G 701 Broad Street Sewickley PA 15143	PD	RAI, MD, Balbinder S Kngswood Apts 1220 #266 Liberty PA 15129	IM	RICHARDS, MD, H Leroy 1111 Empire Bldg Pittsburgh PA 15222	PS
NCHAL, MD, Pravin D Po Box 12027 Pittsburgh PA 15240	PM	PENN, MD, Samuel E 3500 5th Ave Pittsburgh PA 15213	OTO	PITTENGER, MD, Rex A 369 Sunset Rd Pittsburgh PA 15237	P	RAIZMAN, MD, Richard E 5738 West Woodland Rd Pittsburgh PA 15232	IM	RICHARDS, MD, Nelson M 884 Old Hickory Rd Pittsburgh PA 15243	IM
NDIT, MD, Devayani I 815 Liberty Ave Pittsburgh PA 15224	OBG	PENNOCK, MD, L Lewis 3347 Forbes Ave Pittsburgh PA 15213	IM	PITTMAN, MD, Thomas A St Francis Gen Hosp Pittsburgh PA 15201	R	RAMIK, MD, Otto E Wernersville State Hosp Wernersville PA 19565	P	RICHARDSON, MD, Donald W 1052 Old Gate Rd Pittsburgh PA 15235	IM
NDIT, MD, Indravaden N 230 Centre Ave Pittsburgh PA 15232	IM	PEPPER, MD, L Douglas 105 Orchard Ave Bellevernon PA 15012	FP	PLACCI, MD, Carlos A 401 Shady Ave Pittsburgh PA 15206	PTH	RAMOS, MD, Clarita P Suburban Gen Hosp Pittsburgh PA 15202	PTH	RICHARDSON, MD, George S 4815 Liberty Ave Pittsburgh PA 15224	PS
NDYA, MD, Kamleshkumar N 11 Wadsworth Dr Glenshaw PA 15116	PD	PERER, MD, William A 301 S Dallas Ave Pittsburgh PA 15208	FP	PLASTER, MD, Emeal L 203 Rsvit Bld 6th & Penn Pittsburgh PA 15222	OBG	RAMS, MD, James J West Penn Hosp Pittsburgh PA 15224	TS	RICHARDSON, MD, Roosevelt 211 N Whitfield St Pittsburgh PA 15206	FP
NTALONE, MD, Angelo L 832 S 5th Cir Box 4B Loynton Beach FL 33435	AN	PERPER, MD, Joshua A 106 Crofton Dr Pittsburgh PA 15238	PTH	PLESSET, MD, Marvin R 3600 Forbes Ave Pittsburgh PA 15213	P	RANIL, MD, Carmello A 12 Eastern Ave Pittsburgh PA 15215	IM	RICHTER, MD, Paul L 1 Allegheny Sq Ste 206 Pittsburgh PA 15212	N
NTINO, MD, Thomas M 729 Yorktown Place Pittsburgh PA 15235	PD	PERRI, MD, Francis R 1501 Locust St Pittsburgh PA 15219	GS	PLUNKETT, MD, Francis X 4075 Jenkins Arcade Pittsburgh PA 15219	ORS	RANKIN, MD, James S 20 Cedar Blvd Pittsburgh PA 15228	OTO	RIEDEL, MD, George E 501 Irwin Dr Sewickley PA 15143	FP
PAZIAN, MD, Ara Allegheny Gen Hosp Pittsburgh PA 15212	AN	PERRI, MD, John A 998 Osage Rd Pittsburgh PA 15243	ORS	POBER, MD, Hymen A 3500 5th Ave Pittsburgh PA 15213	FP	RANKIN, MD, Samuel G 4988 Library Rd Bethel Park PA 15102	FP	RIENZO, MD, Robert J 4850 Rolling Hills Rd Pittsburgh PA 15238	R
PPAS, MD, Michael T 248 Old Meadow Rd Pittsburgh PA 15241	AN	PERRIN, MD, Ronald L Montefiore Hosp Pittsburgh PA 15213	R	POBER, MD, Iran J 3408 5th Ave Pittsburgh PA 15213	IM	RAO, MD, B Venkat 5230 Centre Ave Pittsburgh PA 15232	IM	RIETHMILLER, MD, Grace L R D 3 Box 75 Sewickley PA 15143	OBG
PRANDHAM, MD, Koduri 11 Cherrylhill Dr Monroeville PA 15146	GS	PERRIN, MD, Samuel R 121 S Highland Ave Pittsburgh PA 15206	D	POLIDORA, MD, Joseph J 4318 Northern Pike Monroeville PA 15146	IM	RAO, MD, Kasuganti V 5548 William Flynn Hwy Gibsonia PA 15044	FP	RIKE, MD, Paul M Apt 300 4825 5th Ave Pittsburgh PA 15213	IM
PRANJPE, MD, Mohan K 1471 5th Ave Pittsburgh PA 15213	OBG	PERRONE, MD, Frank M St Francis Hospital Pittsburgh PA 15201	R	POLLACK, MD, Dorothy J 188 Beall Drive Pittsburgh PA 15236	AN	RAO, MD, Bernard J 182 Ridgeview Dr Wexford PA 15090	AN	RILEY, MD, Bernard J 4401 Penn Ave Ste 1200 Pittsburgh PA 15224	OBG
RIKH, MD, Manoj R 151 Perry Hgw #416 Pittsburgh PA 15237	R	PERRYMAN, MD, Charles R 1501 Locust St Pittsburgh PA 15219	R	POLLER, MD, William R 2119 Middle Rd Glenshaw PA 15118	R	RAO, MD, Ramdev K 8 Shirl Dr Pittsburgh PA 15238	IM	RIPEPI, MD, Anthony C 4838 McKee Dr Pittsburgh PA 15236	IM
RK, MD, Eugene 1358 Phillips Ave Pittsburgh PA 15217	IM	PESSOLANO, MD, Carl J 128 N Craig St Pittsburgh PA 15213	ORS	POLLICE, MD, Philip G 103 Fitzrandolph Rd Coraopolis PA 15108	AN	RAO, MD, T Gopal 532 S Aiken Ave Pittsburgh PA 15232	TS	RIPEPI, MD, Philip P 500 Lewis Run Rd Pittsburgh PA 15238	GS
RK, MD, Sang B Ste 302 490 E North Ave Pittsburgh PA 15212	TS	PESSOLANO, MD, Frank J 2380 Meadow Rd New Kensington PA 15019	R	POLLOCK, MD, Burton H 355 Fifth Ave Ste 800 Pittsburgh PA 15222	IM	RASTI, MD, Reza Jeff Med Off Bldg #504 Clairton PA 15025	OBG	RISHI, MD, Usha S West Penn Hosp Pittsburgh PA 15224	R
RKER, MD, Albert G 150 Weigel Hill Rd Elizabeth PA 15037	OPH	PETERNEL, MD, Wayne W Mercy Hosp Pittsburgh PA 15219	IM	POMERANTZ, MD, Marc B 108 Calmont Dr Pittsburgh PA 15235	IM	RAU, MD, Raymond L 3515 Fifth Ave Pittsburgh PA 15213	P	RITCHIE, MD, Laurence T 1430 Lincoln Way McKeesport PA 15131	FP
ARSONS, MD, Frederick A 138 Roscommon Place Acumurray PA 15317	P	PETERS, MD, Vaughan 505 Brownsville Rd Pittsburgh PA 15210	FP	PORSCHKE, MD, Gladie V 8340 Morrowfield Ave Pittsburgh PA 15217	IM	RAUB, MD, James A 1099 Ohio River Blvd Sewickley PA 15143	OBG	RITTENHOUSE, MD, Emory A McKeesport PA 15132	OTO
ARSONS, MD, John A Forbes Ave & Haket St Pittsburgh PA 15213	R	PETERSON, MD, Edward N M-240 Scaife Hall Pittsburgh PA 15261	OBG	PORTER, MD, Lynne E 21 Oakglan Dr Oakmont PA 15139	IM	RAVANO, MD, Jose F 8655 Frankstown Ave Pittsburgh PA 15206	FP	RITTENHOUSE, MD, Frank H 92 Bradford Ave Pittsburgh PA 15205	FP
ARVA, MD, Ghasem 1133 Clarence Aux Dr Gibsonia PA 15044	PTH	PETILLA, MD, Mariano D 5435 Claybourne St #905 Pittsburgh PA 15232	TS	PORTMAN, MD, Mary A Bigelow Apts Pittsburgh PA 15219	OBG	RAVITCH, MD, Mark M 3459 Fifth Ave Pittsburgh PA 15213	GS	RITTENHOUSE, MD, George H 604 Washington Ave Bridgeville PA 15017	FP
ASCUAL, MD, Ganeroso S 2557 Cole Rd Westford PA 15090	R	PETRAGLIA, MD, Angelo A 104 N Graham St Pittsburgh PA 15206	FP	POTNIS, MD, Asha V 204 Greenvala Dr Monroeville PA 15148	PD	RAY, MD, Henry M 2800 N W 58th Ave Lauderdale FL 33313	US	RIZK, MD, Labib S 9909 Frankstown Rd Pittsburgh PA 15235	FP
ATERSON, MD, Elizabeth A 307 Stotler Rd Pittsburgh PA 15235	R	PETRAGLIA, MD, Paul 205 Virginia Ave Pittsburgh PA 15211	FP	POTTER, MD, Robert H 528 Perrysville Ave Pittsburgh PA 15229	FP	RAY, MD, Richard L 320 E North Ave Pittsburgh PA 15212	ORS	RIZVI, MD, Syed A 82 Amity St Apt 2 Brooklyn NY 11201	IM
ATERSON, MD, George W 15 Yost Blvd Pittsburgh PA 15221	FP	PETRUSCAK, MD, Jaroslaw 4932 Ellsworth Ave Pittsburgh PA 15213	AN	POUTOUS, MD, George W 3845 Venango Ave Munhall PA 15120	OBG	REAGAN, MD, Marie A 4401 Penn Ave Ste 1200 Pittsburgh PA 15224	OBG	ROBERTS, MD, Linda P R D 5 Box 55 Latrobe PA 15850	IM
ATERSON, MD, Robert L 312 Berkshire Dr Pittsburgh PA 15215	AN	PETTAPIECE JR, MD, Milton C 3518 5th Ave Pittsburgh PA 15213	OPH	POWELL JR, MD, Oscar M Allegheny Gen Hoap Pittsburgh PA 15212	IM	RECIO, MD, Rolando G 4328 Northern Pike Monroeville PA 15146	OBG	ROBINS, MD, Hugh B 1808 Village Rd Glenshaw PA 15118	PRM
ATTON, MD, Anna M Sefteway Center 2 Pittsburgh PA 15222	OBG	PFAEFFLE, MD, Hugo H 9100 Babcock Ave Dep Ana Pittsburgh PA 15237	AN	PREININGER, MD, Edward R 151 Willow Run Ormond Bch FL 32074	FP	REDA, MD, Frank A 733 Washington Rd Pittsburgh PA 15228	OBG	ROBINSON, MD, John N 1830 Foxcroft Ln 801 Allison Park PA 15101	TS
ATTON, MD, George D 211 N Whitfield St Pittsburgh PA 15206	OBG	PFRIMMER, MD, Wayne J 490 E North Ave Ste 208 Pittsburgh PA 15212	IM	PRESS, MD, Allan J 1099 Ohio River Blvd Sawickley PA 15143	OPH	REED, MD, David E 554 S Aiken Ave Pittsburgh PA 15232	IM	ROCHE, MD, Charles A 22 Old Clairton Rd Pittsburgh PA 15238	OBG

ROCHE, MD, Keren R 1300 Fox Chapel Rd Pittsburgh PA 15236	PS	RYOO, MD, In O 203 Centerdale Rd Corapolis PA 15108	PD	SCHLOSSBERG, MD, Michael A 400 Penn Center Pittsburgh PA 15235	IM	SENITA, MD, G Robert 198 Lincoln Ave Pittsburgh PA 15202	OPH	SIEWERS, MD, Relp D U Of Pgh Sch Of Med Pittsburgh PA 15281	GS
ROGERS, MD, Kenneth O U-Pittsburgh Sch Med Pittsburgh PA 15213	PRM	SABATTELLE, MD, Robert C 701 Broad St Sewickley PA 15143	OBG	SCHMELTZ, MD, Ralph Four Jaycee Drive Pittsburgh PA 15243	IM	SERENE, MD, Harry E 4815 Liberty Ave Pittsburgh PA 15224	GS	SIHA, MD, Victor L 935 Thorn Run Rd Corapolis PA 15108	IM
ROGOW, MD, Edward 5717 Lynn Haven Rd Pittsburgh PA 15217	R	SABEH, MD, George 1505 Lincoln Way McKeesport PA 15131	IM	SCHMITT, MD, Charles L 3700 5th Ave Pittsburgh PA 15213	D	SESSION, MD, William C 290 State St Clairton PA 15025	FP	SIKER, MD, Ephraim S 1400 Locust St Pittsburgh PA 15219	AN
ROHM, MD, Jack Z 834 Washington Ave Carnegie PA 15106	OTO	SABEH, MD, Rait K 2400 Ardmore Blvd #203 Pittsburgh PA 15221	OTO	SCHMITT, MD, Herman L 505 Brownsville Rd Pittsburgh PA 15210	FP	SESSOMS, MD, Frank E St Margaret Mem Hosp Pittsburgh PA 15201	FP	SILBERMAN, MD, Leslie J 1909 Garrick Dr Pittsburgh PA 15235	PC
ROLLINS, MD, Clark T 1522 Broadview Blvd Natrona Hgts PA 15065	FP	SACCO, MD, Russell J 532 S Aiken Ave Ste 515 Pittsburgh PA 15232	IM	SCHNEIDER, MD, John A 75 Standish Blvd Pittsburgh PA 15228	OBG	SETH, MD, Prabhat 1500 Fifth Ave McKeesport PA 15132	IM	SILVERBERG, MD, Jay H 3471 5th Ave 6th Fl Pittsburgh PA 15213	IM
ROMMEL, MD, Frank L 119 Larchfield Dr McKeesport PA 15135	PM	SACHS, MD, Murray 532 S Aiken Ave Pittsburgh PA 15232	IM	SCHNEIDER, MD, Robert E 8135 Perry Hwy Pittsburgh PA 15237	FP	SEVILLA, MD, Cesar A 5742 1 Bailey St Fort Hood TX 78544	US	SILVERBLATT, MD, Bernard L 1400 Centre Ave Ste 411 Pittsburgh PA 15219	OTO
ROONEY, MD, Edward F 2568 Haymaker Rd Monroeville PA 15146	GS	SADLER, MD, John M 9104 Babcock Blvd Pittsburgh PA 15237	OBG	SCHNURER, MD, Charles I 224 5th Ave McKeesport PA 15132	GS	SHAFFER, MD, Walter L 3800 Forbes Ave Pittsburgh PA 15213	OBG	SILVERBLATT, MD, Mervin L 3600 Forbes Ave Pittsburgh PA 15213	IM
ROSENBAUGH, MD, Loren M 3471 5th Ave 6th Fl Pittsburgh PA 15213	IM	SADOWSKI, MD, Hubert F 245 Hoodridge Dr Pittsburgh PA 15234	IM	SCHOENFELD, MD, Clyde D 331 Oenniston Ave Pittsburgh PA 15206	IM	SHAH, MD, Shirish N 220 Meyran Ave Pittsburgh PA 15213	IM	SILVERMAN, MD, Alexander 535 Med Arts Bldg Pittsburgh PA 15213	I
ROSENBERG, MD, Hervey W 90 Woodland Rd Pittsburgh PA 15232	FP	SAFIER, MD, Joel 1910 Cochran Rd Pittsburgh PA 15220	PD	SCHOLLAERT, MD, Richard A 1200 Merchant St Ambridge PA 15003	US	SHAMBLIN, MD, Jerry D 9102 Babcock Blvd Pittsburgh PA 15237	OTO	SILVERMAN, MD, Alan R Jenkins Arcade Ste 222 Pittsburgh PA 15222	I
ROSENBLUM, MD, Meyer A 600 Lincoln Highway No Versailles PA 15137	FP	SAFEE, MD, Kutub M 1000 Bower Hill Rd 101 Pittsburgh PA 15213	TS	SCHRAMM JR, MD, Victor L Eye And Ear Hosp #1115 Pittsburgh PA 15213	OTO	SHANK, MD, Irene A 1152 Pinewood Dr Pittsburgh PA 15243	AN	SILVERMAN, MD, Jerry O 302 Jenkins Bldg Pittsburgh PA 15222	IM
ROSENBLUM, MD, Stanley E 1400 Centre Ave 417 Pittsburgh PA 15219	IM	SALVOZA, MD, Manuel I 320 East North Ave Pittsburgh PA 15215	IM	SCHULHOFF, MD, John W 2708 Brownsville Pittsburgh PA 15227	U	SHAPER, MD, Richard P Po Box 11480 Guys Run Rd Pittsburgh PA 15236	IM	SILVERMAN, MD, Mendel 5540 Derlington Rd Pittsburgh PA 15217	PC
ROSENBERG, MD, Sidney A 13643 107th Ln Sun City AZ 85351	GS	SAMADANI, MD, Siros R 532 S Aiken Ave Rm 400 Pittsburgh PA 15232	TS	SCHULMAN, MD, Benjamin L 1403 5th Ave Pittsburgh PA 15219	IM	SHAPIRO, MD, Alvin P U-Pittsburgh Sch Med Pittsburgh PA 15213	IM	SILVERSTEIN, MD, Alan J 80 Cypress Dr Carnegie PA 15108	OBG
ROSENCRANS, MD, David L 4401 Penn Ave Pittsburgh PA 15224	GS	SANDBERG, MD, Theodore E Mobay Chem Corp Prkwy W Pittsburgh PA 15205	IM	SCHULTZ, MD, Edward M 700 Gettysburg St Pittsburgh PA 15208	R	SHAPIRO, MD, Lester F 1206 Inverness Ave Pittsburgh PA 15217	OTO	SIMITHRAARATCHY, MD, Chrisantha N 1028 Firwood Dr Pittsburgh PA 15243	GS
ROSENTHAL, MD, Phillip J 100 Point Breeze Pl Pittsburgh PA 15208	IM	SANDHU, MD, Rajinder S 320 2nd Ave Tarentum PA 15084	P	SCHUMACHER, DO, Carol M 108 Allegh Ctr Spts Bld 7 Pittsburgh PA 15212	US	SHAPIRO, MD, Morry Braddock Gen Hosp Braddock PA 15104	FP	SIMONE, MD, Frank J 530 Kelly Ave #5 Pittsburgh PA 15221	F
ROSINI, MD, Rita M 4119 Main St Munhall PA 15120	PD	SANDSON, MD, Gerald B 1234 Beechwood Blvd Pittsburgh PA 15206	P	SCHWARTZ, MD, Alec R 5801 Beacon St Pittsburgh PA 15217	PD	SHARRER, MD, Margaret C 780 Centre City Twr Pittsburgh PA 15222	OPH	SINCHIOCO, MD, Celerino S Magee Womens Hosp Pittsburgh PA 15213	AN
ROSSI, MD, John C 4800 Friendship Ave Pittsburgh PA 15224	GS	SANGRUJEE, MD, Kannika L 180 Pine Rd Pittsburgh PA 15237	AN	SCHWARTZ, MD, Daniel N 118 E 18th Ave Homestead PA 15120	OTO	SHATTEN, MD, Thomas A 8448 Landview St Pittsburgh PA 15217	PD	SINGH, MD, Datar 1301 Alabama Ave Neptune Heights PA 15065	AN
ROTHFUS, MD, Helen T 81 Seneca Dr Pittsburgh PA 15228	FP	SANGRUJEE, MD, Weerasek 9066 Perry Hwy Pittsburgh PA 15237	ORS	SCHWARTZ, MD, Henry J 220 Meyran Ave Pittsburgh PA 15213	OBG	SHAUGHNESSY, MD, Micheal J 9 Patrice Ct Pittsburgh PA 15221	U	SINGH, MD, Geete St Francis Hosp Pittsburgh PA 15220	F
ROTHMAN, MD, David L 3028 Brownsville Rd Pittsburgh PA 15227	IM	SANNER JR, MD, Edgar G 701 S Linden Ave Pittsburgh PA 15208	U	SCHWARTZ, MD, Joel D 1050 Summer Place Pittsburgh PA 15243	OTO	SHAYER, MD, James A Presby Univ Hosp Pittsburgh PA 15213	IM	SKEZAS, MD, Marion 1615 Cousin St McKeesport PA 15132	GS
ROWE, MD, Stuart N 3800 Forbes St Pittsburgh PA 15213	NS	SANTORA JR, MD, Frank J 1309 Regency Dr Pittsburgh PA 15237	GS	SCHWARTZ, MD, Norman A 2800 Henderson McKeesport PA 15131	P	SHAYER, MD, John C 1501 Locust St Pittsburgh PA 15219	IM	SKINNER, MD, Douglas V 1608 Vermont Ave White Oak PA 15131	FF
RUBEL, MD, Theodor 8229 1/2 Monitor St Pittsburgh PA 15217	FP	SANTORA, MD, Frank J 1004 Arch St 6th Fl Pittsburgh PA 15212	GS	SCHWERHA, MD, Joseph J 580 Sugar Camp Rd Venetia PA 15367	US	SHAYER, MD, Verne C 1400 Locust St Pittsburgh PA 15219	IM	SKOLNICK, MD, Kenneth B 701 Broad St Sewickley PA 15143	OTC
RUBENFIELD, MD, Arnold D Eye & Ear Hosp Pittsburgh PA 15213	OTO	SANTOS, MD, Arthur M 111 Magnolia Dr Glenshaw PA 15118	GS	SCHWERIN, MD, William F Wexford PA 15090	FP	SHAW, MD, Harry E 1818 Vollmer Dr Glenshaw PA 15116	OPH	SKRENTA, MD, Richard J 111 Woodland Dr Pittsburgh PA 15228	PS
RUBENSTEIN, MD, Leonerd S 1536 Beechview Ave Pittsburgh PA 15216	FP	SARACCO, MD, Thomas R 4263 White Oak Ct Pittsburgh PA 15227	FP	SCIOSCIA, MD, Eugene A 490 E North Ave Pittsburgh PA 15212	OBG	SHAW, MD, Katharine L 1526 Old Plank Rd Glenshaw PA 15116	US	SLADEN, MD, Arnold Montefiore Hosp Pittsburgh PA 15213	AN
RUBIN, MD, Harvey M Mercy Hosp Pittsburgh PA 15219	PD	SARVER, MD, Robert O 1099 Ohio River Blvd Sewickley PA 15143	ORS	SCIULLI, MD, Robert S 1318 Fifth Ave McKeesport PA 15132	ORS	SHEEHAN, MD, John H 3534 Laketon Rd Pittsburgh PA 15235	OBG	SLAGLE, MD, Edward H 540 N Neville St Pittsburgh PA 15213	F
RUBIN, MD, Lore R 4715 Wallingford St Pittsburgh PA 15213	P	SAUL, MD, Robert W 3700 5th Ave Pittsburgh PA 15213	OPH	SCOGLIETTI, MD, Vincent C 6025 Heberton Dr Verone PA 15147	IM	SHEPTAK, MD, Peter E 3600 Forbes Ave Pittsburgh PA 15213	NS	SLAMOVITS, MD, Thomas L 230 Lothrop St Dpt Oph Pittsburgh PA 15213	OPH
RUDKIN, MD, Victor M 5407 Aiken Pl Pittsburgh PA 15232	IM	SAUL, MD, Sydney M 6315 Forbes Ave Ste 115 Pittsburgh PA 15217	PD	SCOTT, MD, C Paul 121 University Pl Pittsburgh PA 15213	P	SHERMAN, MD, Louise S 4600 Friendship Ave Pittsburgh PA 15224	R	SLATER, MD, Harvey 4815 Liberty Ave Pittsburgh PA 15224	GS
RUDOLPH, MD, Joseph P 1831 Citefion Dr Liberty PA 15129	EM	SCARAMUCCI, MD, John C 220 Meyran Ave Pittsburgh PA 15213	OBG	SCOTT, MD, Dorothy C 4401 Penn Ave Ste 1560 Pittsburgh PA 15224	OPH	SHERMAN, MD, Samuel 3500 5th Ave Pittsburgh PA 15213	PM	SLAVKIN, MD, Marvin D 519 Brookline Blvd Pittsburgh PA 15226	FF
RUDEMAN, MD, Ehrhardt 904 Delafield Rd Pittsburgh PA 15215	OTO	SCARSELLATO, MD, John N 209 Washington Rd Pittsburgh PA 15221	OBG	SCOTT, MD, Jack A 265 Fairview Rd Pittsburgh PA 15238	AN	SHETE, MD, Leena P 11 Robin Road McKees Rocks PA 15136	AN	SLONE, MD, Jacob 502 5th Ave McKeesport PA 15132	I
RUEGER, MD, Raimund G Jenkins Bldg Ste 423 Pittsburgh PA 15222	OTO	SCHACHTER, MD, Allan B 3471 5th Ave 5th Fl Pittsburgh PA 15213	U	SCOTT, MD, John H 4815 Liberty Ave Pittsburgh PA 15224	IM	SHIN, MD, Hyung R Ohio Valley Gen Hosp McKees Rock PA 15136	AN	SMITH JR, MD, Benjamin V 337 Beaver St Sewickley PA 15143	GS
RUIZ, MD, Cesar A 4401 Penn Ave 1047 Pittsburgh PA 15224	IM	SCHAEFER, MD, C Russell 532 S Aiken Ave Pittsburgh PA 15232	IM	SCOTT, MD, Norman E Centre Med Pavillion Pittsburgh PA 15219	OBG	SHIPKOVITZ, MD, Harvey D 1024 Main St Pittsburgh PA 15215	FP	SMITH JR, MD, Ross H 815 Freeport Rd Pittsburgh PA 15201	F
RULIN, MD, Marvin C Magee Womens Hosp Pittsburgh PA 15213	OBG	SCHAEFFER, MD, Ted C 100 Primrose Ave Glenshaw PA 15116	FP	SCOTTI, MD, Louis N St Francis Gen Hosp Pittsburgh PA 15201	R	SHOEMAKER, MD, Robert J 121 University Pl Pittsburgh PA 15213	P	SMITH, MD, Albert T 72 Federal Dr Pittsburgh PA 15235	US
RUMBLE JR, MD, Charles T 4615 Fifth Ave Pittsburgh PA 15213	P	SCHAIKNER, MD, Bruce A 5535 G Forbes Ave Pittsburgh PA 15217	PTH	SEGALL, MD, Nathan T 1111 Highland Bldg Pittsburgh PA 15206	IM	SHOENER, MD, John A Rd 3 Camp Meeting Bx 175 Sewickley PA 15143	IM	SMITH, MD, David J 600 Grant St Rm 2516 Pittsburgh PA 15230	PRM
RUMBLE, MD, Thomas R Eight Highmeadow Rd Pittsburgh PA 15215	P	SCHANER, MD, Paul J 1400 Locust St Pittsburgh PA 15219	AN	SEGEL, MD, David P 3459 Fifth Ave Pittsburgh PA 15213	IM	SHONBERG, MD, Irving L 3500 Fifth Ave Rm #100 Pittsburgh PA 15213	GS	SMITH, MD, Earl B 4401 Penn Ave Ste 1250 Pittsburgh PA 15224	GS
RUNCO, MD, Angelo S 715 N Highland Ave Pittsburgh PA 15206	PD	SCHAPIRO, MD, Rolt L Allegheny Gen Hosp Rad Pittsburgh PA 15212	R	SEITZ, MD, Edward R 8076 Dormar Ct Pittsburgh PA 15237	R	SHOOK III, MD, Willis D 1200 Centre Ave Ste 411 Pittsburgh PA 15219	PS	SMITH, MD, Francis A 523 Oliver Bldg Pittsburgh PA 15222	IA
RUSCHAK, MD, Paul J 519 Bergen St Philadelphia PA 19111	D	SCHATTNER, MD, Allen S 2307 Marbury Rd Pittsburgh PA 15221	FP	SEKHAR, MD, Laligam N Presbyterian Univ Hoap Pittsburgh PA 15261	NS	SHORE, MD, George R Two Oliver Plz Ste 3222 Pittsburgh PA 15222	PRM	SMITH, MD, Glenn O 1001 E Camino Rl Ap 302 Boca Raton FL 33432	IN
RUSHFORD, MD, Anthony J 450 Holland Ave Braddock PA 15104	U	SCHAUB, MD, David H 320 3D Ave Tarentum PA 15084	IM	SELKER, MD, Robert G 3459 Fifth Ave Pittsburgh PA 15213	NS	SHRADER, MD, Lester C 12 Churchill Rd Pittsburgh PA 15235	IM	SMITH, MD, John W 405 Iroquois Bldg Pittsburgh PA 15213	GS
RUSSELL, MD, Richard L 401 Shady Ave Apt C301 Pittsburgh PA 15206	P	SCHEIN II, MD, George 971 Lakemont Dr Pittsburgh PA 15219	OTO	SELKOVITS, MD, Sidney 105 Beaver St Sewickley PA 15143	FP	SHUTTLEWORTH, MD, Lemont V 943 Valleyview Rd Pittsburgh PA 15243	FP	SMITH, MD, Russell G 4334 Brownsville Rd Pittsburgh PA 15227	FI
RUSSMAN, MD, Richard B 30 Carleton Dr Pittsburgh PA 15243	IM	SCHEIN, MD, Robert A 20 Cedar Blvd Pittsburgh PA 15228	OTO	SELTZER, MD, Harry 2005 Cerson St Pittsburgh PA 15203	FP	SICONOLFI, MD, Ernest P 330 Hays Rd Pittsburgh PA 15241	R	SMITH, MD, Roy M 2006 Noble St Pittsburgh PA 15218	OBG
RYOZE, MD, Robert A 516 Suismon St Pittsburgh PA 15212	FP	SCHULER, MD, Carl E 237 S Mathilde St Apt 3 Pittsburgh PA 15224	IM	SEMIN, MD, Howard 1327 Windermere Dr Pittsburgh PA 15218	GS	SIEBER, MD, William K 3400 Forbes Ave Eureka Pittsburgh PA 15213	PD	SMITH, MD, William K 4800 Friendship Ave Pittsburgh PA 15224	ORS
RYDZE, MD, Richard A 125 Seventh St Pittsburgh PA 15222	IM	SCHIFF, MD, Melvin M 35 E Crystal Dr Oakmont PA 15139	IM	SENAN, MD, Pushpendra 4401 Penn Ave Ste 1900 Pittsburgh PA 15224	TS	SIEWERS, MD, Christiane 152 Woodshire Dr Pittsburgh PA 15215	P	SMITH, MD, William K 532 S Aiken Ave Ste 304 Pittsburgh PA 15232	GS

WITZER, MD, Arnold J 748 N Negley Ave Pittsburgh PA 15206	FP	STEELE, MD, Logan H 500 N Main St Pittsburgh PA 15215	FP	SWAMY, MD, Chandra S 1535 Glenwood Rd Pittsburgh PA 15241	OBG	THOMPSON, MD, Herbert 291 Hawthorne Rd Pittsburgh PA 15209	P	TUTTLE, MD, Alfred 532 S Aiken Ave Pittsburgh PA 15232	GS
WODGRASS JR, MD, W Homer 1829 Old Beulah Rd Pittsburgh PA 15235	PD	STEEN, MD, Oliver T 1500 5th Ave Mc Keesport PA 15132	R	SWAMY, MD, Mallekarjuna S 1200 Centre Ave Pittsburgh PA 15219	IM	THOMPSON, MD, James S 2911 Mt Royal Blvd Glenshaw PA 15118	FP	TUTTLE, MD, William B 532 S Aiken Ave Ste 200 Pittsburgh PA 15232	IM
WYDER, MD, Allan P 1378 Freeport Rd Ste 1A Pittsburgh PA 15238	GS	STEINBERG, MD, Abraham 54 Riverside Dr Apt 7A New York City NY 10024	OPH	SWANSON, MD, Michael D 4318 Northern Pk Monroeville PA 15146	OBG	THOMPSON, MD, John W 819 Overlook Dr Pittsburgh PA 15216	R	TWERSKI, MD, Abraham J St Frances Gen Hosp Pittsburgh PA 15201	P
WYDER, MD, James V Presby Univ Hosp Pittsburgh PA 15213	AN	STEINMAN, MD, Arnold M 1910 Cochran Rd Pittsburgh PA 15220	PD	SWARTZ, MD, William M 1117 Scaife Hall U Pgh Pittsburgh PA 15261	PS	THOMPSON, MD, Mark E 4 The Nob Pittsburgh PA 15202	IM	TYSON, MD, Charles H 1717 Pann Ave Ste 420 Pittsburgh PA 15221	IM
WYDER, MD, Richard C 850 California Ave Pittsburgh PA 15202	FP	STEINMAN, MD, David 5734 Wilkins Ave Pittsburgh PA 15217	PD	SWEENEY, MD, William F 171 Penn Lear Dr Monroeville PA 15146	OBG	THOMPSON, MD, Robert L 3471 5th Ave Pittsburgh PA 15213	OBG	TYSON, MD, Robert G 733 Washington Rd Pittsburgh PA 15228	PD
WYDER, MD, William J 1045 Oaage Dr Pittsburgh PA 15235	IM	STEM, MD, Theodore B 1028 Wilson St Monessen PA 15062	FP	SWEGAL, MD, Otto F 1074 Greentree Rd Pittsburgh PA 15220	FP	THOMPSON, MD, T Ewing Dixmont State Hosp Sewickley PA 15143	IM	ULICNY, MD, Thomas L 2563 Cortland Dr Pittsburgh PA 15241	N
WYDERMAN, MD, Ruban 410 S Craig St Pittsburgh PA 15213	IM	STENGEL, MD, William F 218 Princeton Ave Pittsburgh PA 15229	PD	SWENSEN, MD, Harold E 200 Meyran Ave Pittsburgh PA 15213	ORS	THORPE, MD, Harvey E 5820 Aylesboro Ave Pittsburgh PA 15217	OPH	ULRICH, MD, Jack M 2306 S Braddock Ave Pittsburgh PA 15218	IM
YOLOFF, MD, Cynthia H 729 Brafferton Dr Pittsburgh PA 15228	P	STEPHAN, MD, Thorsten 532 S Aiken Ave Ste 217 Pittsburgh PA 15232	P	SWENSEN, MD, Nancy M 11 Old Timber Trail Pittsburgh PA 15238	AN	TICZON, MD, Andres R 4401 Penn Ave Pittsburgh PA 15224	IM	UNIS, MD, Alan S 3811 O'Hara St Pittsburgh PA 15281	P
YOSKO, MD, David 5811 Howe Ave Pittsburgh PA 15232	AN	STEPT, MD, Leonard A 3471 Fifth Avenue Pittsburgh PA 15213	U	SWETERLITSCH, MD, Louis H 318 Tern Dr Apt 1 Swe P Naples FL 33942	FP	TIEGEL, MD, William J 915 Saxonburg Blvd Pittsburgh PA 15223	FP	UPDEGRAFF, MD, William C 84493 Fenton Rd Lot 88 Burton MI 48529	IM
YOW, MD, Irwin A 8 Darlington Ct Pittsburgh PA 15217	IM	STEPT, MD, Raymond 3471 Fifth Avenue Pittsburgh PA 15213	U	SWITKES, MD, Herman I V A Hosp Aspinwall Pittsburgh PA 15240	FP	TIO, MD, Tiong O 5 Bayard Rd Pittsburgh PA 15213	AN	URAM, MD, Herbert 4800 Friendship Ave Pittsburgh PA 15224	GS
YOLTER, MD, Alan W 9104 Babcock Blvd Pittsburgh PA 15237	D	STEVENS, MD, Michael A 1501 Locust St Pittsburgh PA 15219	IM	TABACHNICK, MD, Theodore M 1283 Beechwood Blvd Pittsburgh PA 15206	P	TIPPING, MD, James S 410 S Craig St Pittsburgh PA 15213	IM	URBAN, MD, Rena L 103 Algonquin Rd Pittsburgh PA 15241	PRM
YOMANI, MD, Jagdish P 125 Knoedlar Rd Pittsburgh PA 15236	P	STEVENS, MD, Stephen A 6091 Steubenville Pike McKees Rocks PA 15136	FP	TABAS, MD, Gary 5523 Howe St Pittsburgh PA 15232	IM	TISHERMAN, MD, Samuel E 300 Cedar Blvd Pittsburgh PA 15228	IM	URBANO, MD, Tomas H 240 Oak Entrance Drive Clairton PA 15025	AN
YONBOLIAN, MD, Nasser Eye & Ear Hosp An Dpt Pittsburgh PA 15219	AN	STEVENSON, MD, Peter T 2 Bel Aire Rd Delmont PA 15626	IM	TAITELBAUM, MD, Ben St Francis Hosp Comm Mhc Pittsburgh PA 15201	P	TITCHWORTH, MD, Roy L 8500 Beacon St Pittsburgh PA 15217	IM	URREA, MD, J Oscar 134 Druid Dr McMurray PA 15317	P
YONGSANAND, MD, Prachark 104 Himalaya Rd Monroeville PA 15148	FP	STEWART, MD, Donald J 145 Homaday Rd Pittsburgh PA 15210	FP	TALBOTT, MD, John B 3471 5th Ave Assoc Neur Pittsburgh PA 15213	FP	TOLENTINO, MD, Wilfredo F 1200 Centre Ave Pittsburgh PA 15219	N	UTBERG, MD, John R 9104 Babcock Blvd-6107 Pittsburgh PA 15237	OBG
YORR, MD, Edward M 1420 Centre Ave Pittsburgh PA 15219	OPH	STEWART, MD, Mervin S 230 N Craig St Pittsburgh PA 15213	P	TALL, MD, Milton G 2707 Brownsville Rd Pittsburgh PA 15227	PD	TOLOFF, MD, Edward M 5700 Center Ave Apt 817 Pittsburgh PA 15208	FP	UY, MD, Nonita T Magee Womens Hosp Pittsburgh PA 15213	AN
YOTOODEHAR, MD, Rahim Univ Of Wv Dept Med Morgantown WV 26506	IM	STEWART, MD, William D 4244 Mt Royal Blvd Allison Park PA 15101	AN	TANDON, MD, Devinder L St Francis Hosp Pittsburgh PA 15201	IM	TOMARELLI, MD, Raymond C 809 Empire Bldg Pittsburgh PA 15222	OPH	VAGLEY, MD, Richard T 532 S Aiken Ave Ste 500 Pittsburgh PA 15232	PS
YOTOS, MD, Stevan N 1403 N Negley Ave Pittsburgh PA 15206	IM	STIFEL, MD, Elizabeth N 8820 Pennam Place Pittsburgh PA 15208	PD	TANNEHILL, MD, Norman B 1506 Beaver Grade Rd Corasopolis PA 15108	R	TOMLEY, MD, John E 1308 Windermere Dr Pittsburgh PA 15218	PD	VALCARCEL, MD, Sofronio J 4800 Friendship Ave Pittsburgh PA 15224	AN
YANARD, MD, Russell A Ste 1 Ohio Vasil Gen Hosp McKees Rock PA 15138	FP	STOLLER, MD, Ronald G 3471 5th Ave Kautman Bdg Pittsburgh PA 15213	FP	TANNING, MD, Howard M 575 Coal Valley Rd Clairton PA 15025	OPH	TONG, MD, Rolando M 1201 Muldowney Ave Pittsburgh PA 15207	GS	VALENTINE, MD, Lee S 420 Locust St Pittsburgh PA 15218	IM
YEE, MD, Andrew B 11122 Frankstown Rd Pittsburgh PA 15235	FP	STOLZER, MD, Bertrand L 355 Fifth Ave Pittsburgh PA 15222	IM	TANTISIRA, MD, Boonrak Magee Womens Hosp Pittsburgh PA 15213	AN	TORIN, MD, Jack E 1537 Free Port Rd Natrona Hgts PA 15065	AN	VALLIAPPAN, MD, Swaminathan 7407 Irvine St Pittsburgh PA 15218	IM
YERLING, MD, Herbert V 119 Nantucket Dr Pittsburgh PA 15238	IM	STONE JR, MD, Charles S 128 N Craig St Pittsburgh PA 15213	ORS	TAUBER, MD, Joseph B C/O J & L Steel Corp Aliquippa PA 15001	PRM	TORONTO JR, MD, Nicholas A 301 N Pasadena Dr Pittsburgh PA 15215	FP	VAMADEVAMURTHY, MD, Molakalimuru H 7110 Church Ave Pittsburgh PA 15202	IM
YIEGEL, MD, Charles 220 N Dithridge St Pittsburgh PA 15213	U	STONE, MD, William A Montefiore Hosp Pittsburgh PA 15213	AN	TAUBERG, MD, Herbert R 3471 5th Ave Pittsburgh PA 15213	ORS	TORPEY JR, MD, David J 1591 Williamsburg Rd Pittsburgh PA 15243	AN	VANKIRK JR, MD, John S 9579 Anderson Rd Pittsburgh PA 15237	AN
YIEGEL, MD, Daniel 1430 Lincoln Way McKeesport PA 15131	OBG	STRELEC, MD, Stephen R 320 E North Ave Anes Pittsburgh PA 15212	AN	TAVOULARIS, MD, Marjorie O St Francis Hosp Pittsburgh PA 15201	P	TRACHTENBERG, MD, Lee A 1125 Sunrise Dr Pittsburgh PA 15243	US	VARLEY, MD, William J Coal Valley Rd Jeff Ctr Pittsburgh PA 15238	R
YPOEHR, MD, Luther W 720 Perry Highway Pittsburgh PA 15229	FP	STREMPLE, MD, John F V A Hospital Pittsburgh PA 15281	GS	TEGZES JR, MD, George 1918 Woodside Rd Glenshaw PA 15118	AN	TRANOVICH, MD, Michael A 1318 Fifth Ave McKeesport PA 15132	ORS	VASQUEZ, MD, Ramon A 1100 State Ave Corapolis PA 15108	FP
YPRITZER, MD, Albert A 4099 Wm Pann Hwy Ste 705 Monroeville PA 15148	IM	STRIMLAN, MD, Charles V 95 Woodland Dr Pittsburgh PA 15228	IM	TEMELES, MD, Roy S 3471 Fifth Ave 1st Floor Pittsburgh PA 15219	ORS	TREGER, MD, Albert 9104 Babcock Blvd Pittsburgh PA 15237	IM	VATES, MD, Charles W 803 Brownsville Rd Pittsburgh PA 15210	ORS
YPRITZER, MD, Susan M 4099 Wm Penn Hwy Ste 705 Monroeville PA 15146	OBG	STUART, MD, John C 780 Centre City Tower Pittsburgh PA 15222	OPH	TENENOUSER, MD, Barry 4 Patrice Court Pittsburgh PA 15221	FP	TRELLIS, MD, Emit S 540 N Neville St Pittsburgh PA 15213	P	VEENIS, MD, Cornelius Y 9104 Babcock Blvd # 2103 Pittsburgh PA 15237	OPH
YRINIVASAGAM, MD, Narasimman 1813 West Street Munhall PA 15120	AN	STUBBS, MD, John J 5025 Fifth Ave Apt B1 Pittsburgh PA 15232	FP	TENICELA, MD, Ruben Presby Univ Hosp Pittsburgh PA 15213	AN	TRIMMER, MD, Michael N 117 Teton Dr Pittsburgh PA 15239	FP	VERGNE, MD, Raymond 4815 Liberty Ave Pittsburgh PA 15224	IM
YRODES, MD, Charles H 4815 Liberty Ave Med Ctr Pittsburgh PA 15224	IM	STUTZ, MD, Irving L Veterans Hosp Pittsburgh PA 15240	IM	TEREDSAI, MD, Pradip R 147 Maryland Dr Carnegie PA 15106	IM	TROEN, MD, Philip 3459 Fifth Ave Pittsburgh PA 15213	IM	VERNINO, MD, Rocco A 5 Grandview Ave Pittsburgh PA 15211	OBG
YRODES, MD, W Glenn 4401 N Penn Ave Pittsburgh PA 15224	N	SU, MD, Shyh-Min 532 S Aiken Ave Ste 200 Pittsburgh PA 15232	IM	TERKEL, MD, Frederick J 800 Overbrook Blvd Pittsburgh PA 15210	OBG	TROJANOWSKI, MD, Deborah A 822 Edgewater Blvd #311 Foster City CA 94404	GS	VEY, MD, Edwin K 532 S Aiken Ave Pittsburgh PA 15232	OPH
YTAFFORD, MD, Regis W 1501 Locust St Pittsburgh PA 15219	IM	SUATONI JR, MD, Frank J 1188 Harvard Rd Pittsburgh PA 15205	AN	TERNER, MD, Irwin S 527 Broad St Sewickley PA 15143	OPH	TROMPETER, MD, Joseph I 100 Broadway Ave Carnegie PA 15106	PD	VILLELLA, MD, Edward R 1501 Locust St Pittsburgh PA 15219	GS
YTALEY, MD, Joseph C 600 Amberson Ave Pittsburgh PA 15232	IM	SUKANICH, MD, Kriengsak 10 Schenk Terrace Pittsburgh PA 15215	GS	TESSARO, MD, Anne N 15 Woodbrook Ave Pittsburgh PA 15215	R	TRUTER, MD, Carl W 840 Admiralty Parade Naples FL 33940	OBG	VILSACK, MD, G Ray 500 S Aiken Ave Pittsburgh PA 15232	IM
YTALEY, MD, Robert W 910 Fox Chapel Rd Pittsburgh PA 15238	N	SUKARACHANA, MD, Kamthorn 3400 Forbes Ave Pittsburgh PA 15213	PD	TETLOW, MD, Frank N 2130 E Carson St Pittsburgh PA 15203	GS	TRUTER, MD, Edmund F 178 Allen St Beaver Falls PA 15010	FP	VINH, MD, Dai Malcolm Grow Med Ctr Andrews Afb MD 20331	GS
YTALTER, MD, Ralph J St Francis Hosp Ste 2-B Pittsburgh PA 15201	IM	SULLIVAN, MD, Daniel R Mercy Hosp Dept O1 An Pittsburgh PA 15219	AN	THEERAKULSTIT, MD, Virachai 4148 Suburban Gen Hosp Pittsburgh PA 15202	TS	TUCHINDA, MD, Jalit 130 Kent Drive Upper St Clair PA 15241	IM	VITORI, MD, Eugene F 4401 Penn Ave Pittsburgh PA 15224	P
YTANGER, MD, Robert H 120 Daugherty Dr Monroeville PA 15146	P	SULLIVAN, MD, Lawrence X 211 N Whitfield St Pittsburgh PA 15206	GS	THEIS, MD, Steven W 3471 5th Ave 1st Fl Pittsburgh PA 15213	ORS	TUCHINDA, MD, Kanchans V 130 Kent Drive Upper St Clair PA 15241	PD	VOLKIN, MD, Leonard B 77 Ridgcrest Dr Pittsburgh PA 15235	OTO
YTANITSKI, MD, Carl L 200 Meyran Ave Ste 320 Pittsburgh PA 15213	ORS	SUMMERS, MD, William K 1934 Hospital Place Los Angeles CA 90033	IM	THIERS, MD, George F 4141 Brownsville Rd Pittsburgh PA 15227	PD	TUNG, MD, Alred S Presb Univ Hosp Rm 2409 Pittsburgh PA 15213	AN	VUJAN, MD, Alexander S 722 The Rialto Venice FL 33595	P
YTANTON JR, MD, James N 705 South Linden Ave Pittsburgh PA 15208	OBG	SUNG, MD, Chun M 2691 Bethel Crst Dr Bethel Park PA 15102	OTO	THOMA, MD, George M 2830 Sunnyfield Dr Pittsburgh PA 15241	FP	TURAKHIA, MD, Bhsrati V P O Box 504 Trexlerstown PA 18087	FP	VUJEVICH, MD, Marion M 1000 Bowar Hill Rd #209 Pittsburgh PA 15243	D
YSTARZ, MD, Terence W 3500 Fifth Ave Pittsburgh PA 15213	IM	SURAMPUDI, MD, Ramana K McKeesport Hospital McKeesport PA 15132	PTH	THOMAS JR, MD, Frank W 4230 Wembleton Dr Allison Park PA 15101	TS	TURNER, MD, Joseph 3447 Forbes Ave Pittsburgh PA 15213	OTO	WACHS, MD, Hirsch 1155 Folkstone Dr Pittsburgh PA 15243	N
YSTASCHAK, MD, Michael C 306 Hallsborough Dr Pittsburgh PA 15238	N	SUSEN, MD, Anthony F 3600 Forbes St Pittsburgh PA 15213	NS	THOMAS, MD, Henry W 1019 Prospect Rd Pittsburgh PA 15227	OBG	TURNER, MD, Morris E 8830 Linden Ln Pittsburgh PA 15208	OBG	WADHWA, MD, Rajindar K Magee Womens Hosp Pittsburgh PA 15213	AN
YSTAVRIDES, MD, Alexander Western Pa Hosp Pittsburgh PA 15224	PTH	SUSSER, MD, Murray R Rd 1 Overbrook Rd Valencia PA 18059	FP	THOMAS, MD, John W 3700 Fifth Ave Pittsburgh PA 15213	P	TURNER, MD, Oliver E 509 Liberty Ave Pittsburgh PA 15222	IM	WADHWA, MD, Saroj R 4815 Liberty Ave Pittsburgh PA 15224	OBG
YSTEED, MD, David L 2019 Hampstead Dr Pittsburgh PA 15235	GS	SUTTON, MD, Robert L 194 Lincoln Ave Pittsburgh PA 15202	IM	THOMPSON, MD, Den R 175 Topsfield Rd Pittsburgh PA 15241	IM	TUTHILL, MD, Charles W 35 Bradford Ave Pittsburgh PA 15205	FP	WAGNER JR, MD, John H 4401 Penn Ave Pittsburgh PA 15224	GS

WAITE, MD, Knighton V 420 Naw Taxes Rd Pittsburgh PA 15239	FP	WEDEMEYER, MD, Phillips P V A Hosp Pittsburgh PA 15240	PD	WILLISON, MD, Robert W 525 Locust Pl Sawicklay PA 15143	GS	YELLENIK, MD, Andraw C 812 Cadar Ave Pittsburgh PA 15212	FP	ALLMAN, MD, John H 280 Whita Oak Dr Naw Kensington PA 15068	FP
WALBERG, MD, Harry W 3723 Brighton Rd Pittsburgh PA 15212	FP	WEIGAND, MD, Franklin A Box 7285 Pittsburgh PA 15213	OS	WILMOTH, MD, Clifford L 1035 King Ave Pittsburgh PA 15206	GS	YOCKEY, MD, William B 201 Pann Cir Blvd Pittsburgh PA 15235	PD	BALASH, MD, William R 1823 Union Ave Natrona Hgts PA 15065	IM
WALD, MD, Michael E 3471 Fifth Ave Pittsburgh PA 15213	IM	WEIGEL JR, MD, John E 3600 Forbes Ave Pittsburgh PA 15213	OBG	WILSON JR, MD, Charles R 1704 Yorktown Pl Pittsburgh PA 15235	IM	YODER, MD, Dalbart L 7508 Kenaington St Pittsburgh PA 15221	US	BAUER, MD, John A Rd 1 Box 855 Vandergriff PA 15890	FP
WALD, MD, Niel U-Pgh School P H Pittsburgh PA 15213	IM	WEIGEL, MD, A Linn 9394 Woodcrest Rd Pittsburgh PA 15237	GS	WILSON, MD, George W 532 S Aiken Ave Pittsburgh PA 15232	GS	YONAS, MD, Howard 3459 Fifth Ave Pittsburgh PA 15213	NS	BAUER, MD, James E 902 Fraeport Rd Fraeport PA 18229	F
WALKER, MD, John E 4815 Liberty Ave Pittsburgh PA 15224	OBG	WEIGLER, MD, Richard R 3520 5th Ave Pittsburgh PA 15213	IM	WILSON, MD, Joseph W 9909 Frankstown Rd Pittsburgh PA 15235	FP	YOUNG, MD, Chang-Dong 207 Gotham Lane Monroevilla PA 15146	FP	BIERER, MD, Edward D 206 N Jefferson St Kittanning PA 18201	GS
WALL, MD, John N 818 Lincoln Ave Pittsburgh PA 15202	OBG	WEIKERS, MD, Norbert J 320 E North Ave Pittsburgh PA 15212	N	WILSON, MD, Robert J 410 S Craig St Pittsburgh PA 15213	IM	YOUNG, MD, James L 592-B Elizabeth Dr Lancaster PA 17601	GS	BLOCK, MD, Michael A R D 3 Armstrong Mam Hosp Kittanning PA 18201	R
WALLACE, MD, Homer D 1407 Mount Royal Blvd Glenshaw PA 15118	FP	WEILL JR, MD, David R 552 N Naville St Apt 23 Pittsburgh PA 15213	IM	WILSON, MD, William L 110 Ft Couch Rd Pittsburgh PA 15241	IM	YOUNG, MD, Lionel W 125 Desoto St Pittsburgh PA 15213	R	BONO, MD, John 125 N Mc Kean St Kittanning PA 18201	OTO
WALLER, MD, Louis C 6592 Frankstown Ave Pittsburgh PA 15206	FP	WEIN, MD, Thomas P 3471 Fifth Ave Pittsburgh PA 15213	IM	WILSON, MD, Walter N 2566 Haymaker Rd Monroevilla PA 15148	OBG	ZACCARDI, MD, James P Mercy Hosp Pittsburgh PA 15219	IM	BORJA, MD, Rogelio I R D 3 Armstrong Mam Hosp Kittanning PA 18201	U
WALLEY III, MD, Robert E 1005 W Suttar Rd Glenshaw PA 15118	AN	WEINBERGER, MD, Irving G 828 Washington Rd Pittsburgh PA 15228	OPH	WINKLER, MD, Martin 401 Wood St 505 Arrott Pittsburgh PA 15222	OPH	ZAFAR, MD, Syed A 788 Scrubgraes St Pittsburgh PA 15243	IM	BRANDON, MD, Phyllis K 2273 Clairmont Dr Pittsburgh PA 15241	AN
WALRATH 3RD, MD, Martin H 719 Jenkins Arcade Pittsburgh PA 15222	IM	WEINER, MD, Sidney 5825 5th Ave Pittsburgh PA 15232	FP	WISHNEV, MD, Martin A 3471 Fifth Avenue Pittsburgh PA 15213	IM	ZAHORCHAK, MD, Joseph A 100 Westchaster Dr Pittsburgh PA 15215	OTO	BUCK, MD, Keith K P O Box 8 Kittanning PA 18201	FF
WALSH, MD, Arthur C 121 University Pt Pittsburgh PA 15213	P	WEINSTEIN, MD, Barbara J 2201 Bond St Pittsburgh PA 15237	R	WISSINGER, MD, H Andraw 128 N Craig St Pittsburgh PA 15213	ORS	ZANGRILLI, MD, James G 1400 Center Ave Ste 450 Pittsburgh PA 15219	U	BUSH, MD, Alton J R D 2 Box 98 Laachburg PA 15856	FF
WALSH, MD, John J 130 Riding Trail Ln Pittsburgh PA 15215	U	WEISAND, MD, Benjamin J National Bank Bldg McKeesport PA 15132	GS	WITHERSPOON, MD, John S 8 Cloverly Rd Pittsburgh PA 15202	FP	ZANGWILL, MD, Donald P 3600 Forbes Av Suite 507 Pittsburgh PA 15213	IM	CESKO, MD, Clemant C 1823 3rd St Natrona Hgts PA 15065	FF
WALTER, MD, C Lee West Penn Hosp Pittsburgh PA 15224	IM	WEISBERG, MD, Edward S 2545 Mossida Blvd Monroevilla PA 15148	OTO	WITTIG, MD, Robert L 230 N Craig St Pittsburgh PA 15213	P	ZEHEL, MD, Wendell E 1000 Bower Hill Rd-104 Pittsburgh PA 15243	GS	CHILDS, MD, Jemes E R D 3 Armstrong Mem Hoap Kittanning PA 18201	PTH
WALTER, MD, Willard F 270 George Ls Pittsburgh PA 15235	OBG	WEISMAN, MD, Richard A 3471 Fifth Ave Pittsburgh PA 15213	N	WOJCIAK, DO, Raymond J 275 Silver Ln McKees Rocks PA 15138	US	ZEILER, MD, William B 778 Osage Rd Pittsburgh PA 15216	PTH	CHOWDHRY, MD, Zatsr I 347 Burnar Rd Natrona Heights PA 15065	NS
WALTER, MD, William J 1024 Blackridga Rd Pittsburgh PA 15235	OBG	WEISS, MD, Malcolm S 4980 Whaaton Dr Pittsburgh PA 15238	FP	WOLFF, MD, Regia A Bx 89 530 Wm Pann Htl Pittsburgh PA 15219	IM	ZELEZNOCK, MD, William A 816 Lincoln Ave Pittsburgh PA 15202	FP	CORCORAN, MD, James Bredford Hoap Bradford PA 18701	F
WANG, MD, Yen 6883 Reynolds St Pittsburgh PA 15208	R	WEISSER, MD, C William 4401 Penn Ave Pittsburgh PA 15224	OPH	WOLFORD, MD, Jack A 3811 O Hara St Pittsburgh PA 15213	P	ZELKOVIC, MD, Audrey A St Francis Gen Hosp Pittsburgh PA 15201	PD	CORCOBA, MD, Diago R Rd 7 Country Club Mnr Kittanning PA 18201	IN
WARDE, MD, Donal A 1412 Kally Road Ohara Twp PA 15116	IM	WEITMAN, MD, Mark S 2588 Heymekar Rd Monroevilla PA 15146	FP	WOLFSON JR, MD, Sidney K 3459 Fifth Ave Pittsburgh PA 15213	GS	ZELLER, MD, Harry R Aliquippa Hosp Aliquippa PA 15001	AN	CROSS JR, MD, Samuel 155 Mulberry St Kittanning PA 18201	GS
WARGO, MD, Peter J 4815 Liberty Ave Pittsburgh PA 15224	OBG	WEITZEL, MD, William K 11 Hollend Rd Pittsburgh PA 15235	GS	WOLFSON, MD, Bernard Marcy Hosp Pittsburgh PA 15219	AN	ZELT, MD, Roger P 3227 Apache Rd Pittsburgh PA 15241	OPH	DAJANI, MD, Taher A 320 2nd Ave Terentum PA 15084	GS
WARGOVICH, MD, Raymond M 2294 Constitution Blvd McKeesport PA 15135	IM	WENIGER, MD, Frederick C 110 Schara Lana Pittsburgh PA 15237	US	WOLINSKY, MD, Arthur P 5859 Aylesboro Ave Pittsburgh PA 15217	PTH	ZEMEL, MD, Rauban 770 Pin Oak Rd Pittsburgh PA 15243	GS	OIETTINGER, MD, Frank G Evargreen Road Box 207 Ford City PA 16226	IN
WARNER, MD, Robert E 815 Washington Rd Pittsburgh PA 15228	OBG	WENIGER, MD, Frederick L 108 Franklin Pittsburgh PA 15209	P	WOLLMAN, MD, Michael R 3515 5th Ave Pittsburgh PA 15213	PD	ZERNICH, MD, Milas 127 Rece St Edgewood PA 15218	IM	EDMONSTON, MD, George F 410 E 8th Ave Terantum PA 15084	OBG
WASHBURN, MD, Virginia E 747 Pinetree Rd Mt Lebanon PA 15243	OBG	WERNER, MD, Gerhard M-240 Scaite Hall Pittsburgh PA 15261	US	WOLMARK, MD, Norman 3459 Fifth Ave Pittsburgh PA 15213	GS	ZIDO, MD, Albart J 9903 Frankstown Rd Pittsburgh PA 15235	FP	FOX, MD, Chrles F Box 240 Vandergriff PA 15890	FP
WATSON, MD, Charles G 3601 Fifth Ave Pittsburgh PA 15213	GS	WETSCHLER, MD, Stanley S 3833 Reiland Dr Pittsburgh PA 15227	IM	WOOD, MD, John M 3347 Forbes Ave Pittsburgh PA 15213	IM	ZIEVE, MD, Gerald 128 N Craig St Pittsburgh PA 15213	FP	FRALEY, MD, Henry W 147 Main St Leechburg PA 15658	FP
WATSON, MD, James R 3601 Fifth Ave Pittsburgh PA 15213	GS	WHITE, MD, William L 3500 5th Ave Pittsburgh PA 15213	PS	WOOD, MD, William H 1000 Oakwood Pl Natrona Hgts PA 15065	US	ZIGROSSI, MD, Richerd J 9104 Babcock Blvd #8107 Pittsburgh PA 15237	OBG	FREDERICK, MD, Paul L Rd 3 2 Mad Arts Bldg Kittanning PA 18201	IN
WATSON, MD, William G 3601 Fifth Ave Pittsburgh PA 15213	GS	WHITEFORD, MD, John K 1188 Hamil Rd Varona PA 15147	FP	WOODLEY, MD, Christopher C Smmh 265 48th St Pittsburgh PA 15201	FP	ZIKRIA, MD, Emir A 532 S Aiken Ave Pittsburgh PA 15232	TS	GALLAGHER, MD, John E Box 305 Apollo PA 15813	FI
WATTERS, MD, Edmond C 302 Cornwall Dr Pittsburgh PA 15238	OPH	WHITESIDE, MD, Virginia E 123 Merion Ave Glenshaw PA 15118	PTH	WOODS, MD, Elizabeth B 131 Kilarnay Rd Waxford PA 15090	OBG	ZILLWEGER, MD, William C 8199 Mcknight Rd Pittsburgh PA 15237	FP	GARROTT, MD, John W Rd 1 Box 48 Cowansville PA 18218	OBG
WAXMAN, MD, Herold E 5 Bayard Rd Apt 412 Pittsburgh PA 15213	IM	WHITMAN, MD, Robert S 3301 Wm Penn Highway Pittsburgh PA 15235	FP	WORLEY, MD, Carl M 123 Central Sq Pittsburgh PA 15228	PS	ZIMMER, MD, Ben 3811 Ohrs St Pittsburgh PA 15281	P	GELACEK, MD, Philip A Rd #7 Kittanning PA 18201	FI
WAYLONIS, MD, Joseph R 2000 West St Munhall PA 15120	OBG	WHOLEY, MD, Mark H 618 Woodland Ave Oakmont PA 15139	R	WORRALL, MD, V Thomaa 128 N Craig St Pittsburgh PA 15213	ORS	ZIMMERMAN, MD, Charles W 2141 Ardmore Blvd Pittsburgh PA 15221	FP	GENOVESE, MD, Frank N Rd #7 Kittanning PA 18201	OPH
WAYNE, MD, Dannis O 5738 Sotway Pittsburgh PA 15217	P	WIBLE, MD, Leroy C 199 Beell Dr Pittsburgh PA 15238	AN	WRIGHT JR, MD, George J 4401 Penn Ave Pittsburgh PA 15224	N	ZIMMERMAN, MD, Karl 490 E North Ave #405 Pittsburgh PA 15212	CRS	GERSTBREIN, MD, Harry L R D 1 Box 268 Cowansville PA 18218	PTH
WEAVER, MD, Thomas D 3604 Brighton Rd Pittsburgh PA 15212	FP	WICKERHAM JR, MD, Earl P 2225 Wm Penn Highway Pittsburgh PA 15235	OPH	WRIGHT, MD, David G 416 S Linden Ave Pittsburgh PA 15208	IM	ZIMMERMAN, MD, Ronald L 2811 Rollins Dr Allison Perk PA 15101	PM	GILLIS, MD, Victoria A R D 7 Kittanning PA 18201	IN
WEBER, MD, John E 1000 Bower Hill Rd Pittsburgh PA 15218	OBG	WIENER, MD, Eugene S Childrens Hosp Pittsburgh PA 15213	PD	WRIGHT, MD, George C 803 Miller Ave Clairton PA 15025	FP	ZISKIND, MD, Zelds 121 S Highland Ave Pittsburgh PA 15206	FP	GREENBAUM, MD, Jemas K 100 Vine St Kittanning PA 18201	PE
WEBER, MD, Lawrence 3708 Fifth Ave Pittsburgh PA 15213	PD	WILOER, MD, Bruce L 220 Dithridge St Apt 801 Pittsburgh PA 15213	NS	WRIGHT, MD, L Alan Va Hospital Pittsburgh PA 15240	P	ZITELLI, MD, John A 1815 Windcrest Dr Pittsburgh PA 15206	IM	HEILMAN, MD, Howsrd C R D 2 Kittanning PA 18201	U
WEBSTER JR, MD, Marshall W Dept Of Surg U Of Pgh Pittsburgh PA 15281	GS	WILKINS, MD, Daniel M 4815 Liberty Ave Pittsburgh PA 15224	IM	WRIGHT, MD, Richard E 4141 Brownsville Dr Pittsburgh PA 15227	FP	ZITNER, MD, George L 5449 Albermarle St Pittsburgh PA 15217	P	HENRY, MD, Leland T 305 S 2nd St Apollo PA 15813	FI
WEBSTER, MD, John H 302 Bank St Sewickley PA 15143	R	WILKINSON, MD, John H 1801 Wast St Homastead PA 15120	IM	WROBLESKI, MD, Herry F 552 N Naville St Pittsburgh PA 15213	P	ZORUB, MD, David S 5230 Cantre Ave Pittsburgh PA 15232	NS	JABRI, MD, Sabah E R D 3 Armatrong Mam Hosp Kittanning PA 18201	OTO
WECHSLER, MD, Harry L 502 5th Ave Mc Keasport PA 15132	D	WILKS, MD, David H Montafora Hosp Pittsburgh PA 15213	AN	WUNDERLICH JR, MD, J Andraas 765 Fruithurst Dr Pittsburgh PA 15228	PD	ZUBRITZKY, MD, Paul M 1209 Broadway McKees Rocks PA 15138	OBG	KAHN, MD, Y Raymond 415 4th Ave Terantum PA 15084	GI
WECHSLER, MD, Richard L 220 Meyran Ave Pittsburgh PA 15213	IM	WILLIAMS JR, MD, Philip D 9150 Parry Highway Pittsburgh PA 15237	OPH	WUSYLKO, MD, Michael Rd #1 Box 183-A Evsns City PA 16033	IM	ZUBRITZKY, MD, Stephan A 408 45th St Pittsburgh PA 15201	IM	KANG, MD, Sa-Boo R D 3 Armstrong Mam Hosp Kittanning PA 18201	AI
WECHSLER, MD, Sylvia M 177 W Hutchinson Ave Pittsburgh PA 15218	IM	WILLIAMS, MD, Leon R 5800 Pann Ave Pittsburgh PA 15206	IM	YANG, MD, Jeu-Hsin 1272 Finwood Dr Pittsburgh PA 15243	AN	ZUCK, MD, George A 902 James St Pittsburgh PA 15212	U	KEIM, MD, Peter J Allaghany Dr Natrons His PA 15065	FI
WECHT, MD, Cyril H 3600 Forbes Ave Peth Lsb Pittsburgh PA 15213	PTH	WILLIAMS, MD, Scott L 1087 Scsite Hall Pittsburgh PA 15261	GS	YATES, MD, Adolph J 127 E Cunningham St Butler PA 18001	GS	ZWEIG, MD, Neal 300 Cadar Blvd Pittsburgh PA 15228	IM	KELLY, MD, Robert W 301 Riverview First Avs Terantum PA 15084	GI
WEDDELL, MD, James R Us Stael Homastead Wrks Homastead PA 15120	PRM	WILLIAMS, MD, Victor A 7B Gatsway Towers Pittsburgh PA 15222	OTO	YATES, MD, Anthony P 125 Sevsnth St Pittsburgh PA 15222	IM	ALIMARIO, MD, Taresita E Med Arts Bldg Ste 1 Kittanning PA 18201	P	KILLIAN, MD, Paul J 301 First Ave Terantum PA 15084	IP
WEDEMEYER, MD, Anns L Marcy Health Ctr Pittsburgh PA 15219	PD	WILLIAMSON, MD, Mark E 222 S Tranton Ave Pittsburgh PA 15221	IM	YEASTED, MD, G Alsn 300 Cedar Blvd Pittsburgh PA 15228	IM			KOHL, MD, David H 3 Mad Arts Bldg Rd 3 Kittanning PA 18201	GI

ST, MD, Kenneth R d 3 2 Med Arts Bldg ittanning PA 16201	GS	BALDWIN, MD, Thomas M 1015 Seventh Ave Beaver Falls PA 15010	OTO	DOMJANCIC, MD, John T 1425 3rd St Beaver PA 15009	FP	KILPATRICK, MD, Gartrude E 1318 8th St Beaver Falls PA 15010	FP	PATRICK, MD, David B 1425 3rd St Beaver PA 15009	U
CE, MD, Richard E led Arts Bldg atrone Hgts PA 15065	PD	BALTIC JR, MD, Charles V 1607 3D St Beaver PA 15009	ORS	DOUDS, MD, H Eugene P O Box 156 Beaver Falls PA 15010	OPH	KIM, MD, Wha S 2315 Mill St Aliquippa PA 15001	OBG	PATRICK, MD, David R 1425 3rd St Beaver PA 15009	U
AR, MD, Benjamin F 23 Franklin St andergrift PA 15690	FP	BANSIDHAR, MD, Bhadresine Rd 1 Mcclen Rd Beaver Falls PA 15010	GS	DURSCHINGER, MD, George M 8300 Mdngh Pasa Rd 711 Sarasota FL 33581	FP	KLUDO, DO, Ronald G 928-8th Ave Beaver Falls PA 15010	FP	PEINDL, MD, Paul M 500 Fourth St Beaver Falls PA 15010	FP
SASSO, MD, Dominic E ox 336 andergrift PA 15690	OPH	BASKA, MD, John K 336 College Ave Beaver PA 15009	IM	EHRHART, MD, Robert H 1307 Sixth Ave Beaver Falls PA 15010	IM	KO, MD, Jehoon 2213 A Ben Franklin Dr Pittsburgh PA 15237	R	PIROLI, MD, Duilio D 2000 Mc Minn St Aliquippa PA 15001	IM
JEWSKI, MD, Jerzy D 3 Armatrong Mem Hoap ittanning PA 18201	U	BELICH, MD, Stephen C 1301 Riverside Dr Bridgewater PA 15009	GS	EMANUEL, MD, Abraham 921 6th Ave Beaver Falls PA 15010	OBG	KONRAD, MD, Merk G 437 Maple Ln Sawickley PA 15143	R	PUPI, MD, Paul A 1400 7th Ave Beaver Falls PA 15010	GS
ALIK, MD, Khalid M 10 4th Ave ord City PA 16226	IM	BENNIGHOF, MD, David C 2315 Mill St Aliquippa PA 15001	IM	ESKENDRI, MD, Nasser 338 College Ave Beaver PA 15009	OBG	KRAYER JR, MD, Nicholes H 71 Bridge St Rm 108 Bridgewater PA 15009	IM	RADLER, MD, John K 285 3rd St Beaver PA 15009	ORS
CLEOD, MD, Roderick R d 3 1 Med Arts Bldg ittanning PA 16201	p	BERKMAN, MD, Eugene F 1807 3D St Beaver PA 15009	ORS	EVANGELISTA, MD, Benilda P 344 Mt Vernon Dr Ellwood City PA 16117	FP	LEE, MD, Saoup C 855 Tactical Hosp Apo S F CA 96328	IM	RAFALKO, MD, David M 1301 Riverside Dr Bridgewater PA 15009	OTO
NUUTT, MD, Frank H 08 N Jefferson St ittanning PA 16201	FP	BOAL JR, MD, John H 385 2D St Beaver PA 15009	OBG	EVANGELISTA, MD, Priaco T 2 Pittsburgh Cir Ellwood City PA 18117	GS	LEHMAN, MD, John W 1415 Sixth St Beaver Falls PA 15010	ORS	RAGOOWANSI, MD, Tulaidas N 119 Creat Dr Beaver PA 15009	FP
LLER, MD, Calvin E D 7 ittanning PA 16201	FP	BOAL, MD, Erwin S 1509 State St Baden PA 15005	FP	FINK, MD, William L 445 State Ave Beaver PA 15009	P	LEW, MD, Chung M 1302 Pennsylvania Ave Monaca PA 15081	FP	REITZ, MD, John D Med Ctr Of Beaver Co Rochester PA 15074	PTH
MONTGOMERY, MD, Ernest J 28 Freeport Rd rackenridge PA 15014	GS	BONTEMPO, MD, Frenklin A 234 Adams St Rochester PA 15074	OPH	FROMAN, MD, Stephen M 214 Parliament Dr Coraopolis PA 15108	OTO	LIAO, MD, Shang C 194 Univeraity Dr Aliquippa PA 15001	FP	REYES, MD, Saturino M 152 Ridgeview Dr Beaver PA 15009	GS
ORE, MD, James P 10 Fourth Ave ord City PA 18228	FP	BOOK, MD, Morria M 1520 Third Ave New Brighton PA 15068	GS	FUNKHOUSER, MD, Jey L 721 5th Ave New Brighton PA 15068	FP	MADDER, DO, Robert D 58 St Andrawa Dr Beaver Falls PA 15010	IM	RICE, MD, William T 262 Connecticut Ave Rochester PA 15074	R
WCZYKOWSKY, MD, Bernerd J 400 California Ave latrone Hgts PA 15065	U	BORKOVIC, MD, Embrie J 1011 6th Ave Beaver Falls PA 15010	FP	GAYDOS, MD, John D 1098 Kennedy Dr Ambridge PA 15003	FP	MALLINGER, MD, Samuel H 708 Hemlock Dr Aliquippa PA 15001	FP	RICHARDSON, MD, Herrison H 331 Commerce St Beaver PA 15009	R
CEK JR, MD, John 10 4th Ave arentum PA 15084	FP	BOYD, MD, Thomas S 830 Midland Ave Midland PA 15059	FP	GOGGIN, MD, Leon D 820 Beaver Ave Midland PA 15059	FP	MARCUS, MD, Gary J 120 Ridgeview Dr Beaver PA 15009	PTH	RODGERS, MD, Edoan R 335 Beaver St Beaver PA 15009	FP
CEK, MD, Robert F 35 Oak Menor Drive latrone Hgts PA 15065	FP	BRABSON, MD, Howerd W 401 Stete St Baden PA 15005	FP	GRAY, MD, Herbert M P O Box 218 Beaver PA 15009	PTH	MARINO, MD, Frederick E 5 Davidson Dr Beaver Falls PA 15010	OBG	RUSH, MD, George B 1700 3rd Ave W Bradenton FL 33505	FP
ITS, MD, William H 25 Main St lural Valley PA 18249	FP	BRANDT, MD, Robert I 1520 3rd Ave New Brighton PA 15068	GS	GREEN, MD, Arthur H 748 Maplewood Ave Ambridge PA 15003	FP	MARION, MD, Roy H 828 Market St Bridgewater PA 15009	PRM	RUTH, MD, D Henry 1000 Dutch Ridge Rd Beaver PA 15009	FP
IGLIESE, MD, August A 107 Tennyson Dr endergrift PA 15690	FP	BUCK, MD, Clerence J 141 Se Baldwin Ct Pt Charlotta FL 33950	FP	GRESSLY, MD, Donald W 4002 Stone Hinge Rd Mulberry FL 33860	IM	MARKSON, MD, Victor I 1307 8th Ave Beaver Falls PA 15010	IM	SANPEDRO, MD, Romeo S 109 S High St Zelienople PA 18083	FP
EASE, MD, Cyrus B P O Box 370 ittanning PA 18201	FP	BURGER, MD, Joseph G 320 College Ave Beaver PA 15009	OBG	GRIFFIN, MD, Percy W 410 5th St Ambridge PA 15003	FP	MARSHALL, MD, John S Po Box 189 Beaver PA 15009	IM	SEGAL, MD, Allen 1301 Riverside Dr Bridgewater PA 15009	GS
OKOLOFF, MD, Merk I Armstrong Co Mem Hoap ittanning PA 16201	R	BUSH, MD, Herman 299 N Riverside Dr #201 Pompano Bch FL 33062	FP	HAGES, MD, Foster 2300 Sheffield Rd Aliquippa PA 15001	FP	MARTSOLF, MD, John P O Box 34 New Brighton PA 15068	GS	SEHGAL, MD, Kuldeep Med Ctr Hosp Dr Aliquippa PA 15001	U
OTOS, MD, L Nicholas Id 3 4 Med Art Bldg ittanning PA 16201	ORS	CAMPBELL, MD, G Robert 1807 3rd St Beaver PA 15009	D	HALLISEY, MD, John G 20th And Davidson Sts Aliquippa PA 15001	FP	MCCLOSKEY, MD, George A 847 3rd St Beaver PA 15009	PD	SHAFFER, MD, Donald Y 1000 8th St Po Bx 137 New Brighton PA 15066	FP
TITT, MD, Hugh I Box 305 ittanning PA 18201	US	CAREY, MD, John T 109 Academy Rd Aliquippa PA 15001	N	HAMMER, MD, Samuel F 748 Maplewood Ave Ambridge PA 15003	FP	MCCONNEL, MD, Charles S 1599 3rd St Beaver PA 15009	OPH	SHETTY, MD, Kandavar N 2349 Mill St Aliquippa PA 15001	IM
ROCKDALE, MD, Robert H 1209 Minnesota Ave latrone Hgts PA 15065	R	CARLSON, MD, Kenneth E 157 Ridgeview Dr Beaver PA 15009	PTH	HARTFORD, MD, Thomas B 818 12th St Box 840 Beaver Fella PA 15010	OPH	MCCREARY 3RD, MD, Thomas W Beaver Prot Arts Bldg Beaver PA 15009	IM	SHETTY, MD, Ratneker S 515 Ninth St New Brighton PA 15068	IM
JWANSIRIKUL, MD, Nipapen 115 Market St Freeport PA 16229	PD	CHAMOVITZ, MD, David L 2370 Hospital Dr Aliquippa PA 15001	IM	HAVER, MD, Paul M 559 Meplewood Ave Ambridge PA 15003	FP	MCGUIRE, MD, Francis E 215 Shaler Rd Coraopolis PA 15108	GS	SHINN, MD, Elliott T 608 Third St Beaver PA 15009	P
JWANSIRIKUL, MD, Sakdidej 115 Market St Freeport PA 16229	FP	CHU, MD, Felipe L Aliquippa Hosp Aliquippa PA 15001	FP	HEGDE, MD, Laxmi N 1218 Sixth Ave Beaver Falls PA 15010	U	MCMLLEN, MD, Clerence L 1700 Pine Valley Dr 103 Fort Myers FL 33901	FP	SHUGERT, MD, Guy S 290 Adams St Rochester PA 15074	FP
OMPSON, MD, Cherlea W x346 425 Oconnor St ord City PA 18226	FP	COLAVINCENZO, MD, John W 4 Windycrast Rd Beaver Fella PA 15010	AN	HEINEMAN JR, MD, Arthur C 719 7th Ave Petteason Ht Beaver Falls PA 15010	IM	MERRIMAN, MD, W Clair Franklin Twrs Apt 801 Beaver Falls PA 15010	PD	SHUGERT, MD, John H 1301 Riverside Dr Bridgewater PA 15009	GS
OMPSON, MD, Herry J Po Box 312 ord City PA 16226	FP	CONRADY, MD, William E 307 7th St Ext Beaver Fella PA 15010	R	HEINLE JR, MD, Edward W 336 College Ave Beaver PA 15009	IM	MIANO, MD, Lidie P O Box 98 New Brighton PA 15068	FP	SIA, MD, Jose K Bx 1187 3978 Broadhead Rd Aliquippa PA 15001	FP
BINGER, MD, William N 115 4th Ave arentum PA 15084	FP	CONTE, MD, Anthony A 255 3rd St Beaver PA 15009	IM	HELFRICH, MD, Joseph A 420 North Rose Ln Havertord PA 19041	FP	MICHEL, MD, John P 11 Lindaey Dr Beaver Fells PA 15010	FP	SIMPSON, MD, Richard A 71 Bridge St West Bridgewater PA 15009	IM
EGA, MD, Rogelio E d #7 ittanning PA 16201	U	COSSROW, MD, Joel I 1332 Firwood Dr Pittsburgh PA 15243	R	HELMICK, MD, Wayne W 349 New York Ave Rochester PA 15074	FP	MIN, MD, Tee C 108 Maplewood Dr Beaver PA 15009	PTH	SINGLEY, MD, Thomas L 118 Lansdowne Dr Coraopolis PA 15108	FP
OGAN, MD, Clifford R Box 188 Cowensville PA 16218	IM	CRAIN, MD, Richard H 307 Meadow Lane Sewickley PA 15143	R	HELSING, MD, Walter J 1807 3rd St Beaver PA 15009	ORS	MITCHELL, MD, Howard F 1475 N Paseo Cerce Green Vly AZ 85814	FP	SLOSS, MD, Jamea O Box 479 Beaver PA 15009	FP
ILSON, MD, Arthur R 0808 Camelot Cir Sun City AZ 85351	FP	CRUMRINE, MD, Norman R 850 Second St Beaver PA 15009	OTO	HETZLER, MD, Norman A 1100 Washington Ave Monaca PA 15081	GS	MITCHELL, MD, John A College Drive Monaca PA 15081	IM	SMITH JR, MD, James W 8 St Andrews Dr Beaver Falls PA 15010	GS
ILSON, MD, Richard A 227 Cole Rd Server PA 18055	PM	CRUMRINE, MD, Richard S 5230 Tuscarawas Rd Beaver PA 15009	OTO	HINEMAN, MD, Marquis W 5060 Tuscerewes Rd Beaver PA 15009	GS	MITCHELL, MD, Michael J Mitchl Aasoc 192-8th St Ambridge PA 15003	D	SNYDER, MD, Harry I 2112 Newell Ave Aliquippa PA 15001	FP
INGARD, MD, Larry B Med Arts Bldg Rd #3 ittanning PA 16201	IM	CUDDY, MD, Vincent D 1400 7th Ave Beaver Falls PA 15010	GS	HIRSCH, MD, Bernard 1415 Sixth Ave Beaver Fella PA 15010	ORS	MONYAK, MD, John G 199 9th St Monaca PA 15081	GS	STIEGEL, MD, Robert M 1304 Allen Ave Monaca PA 15081	US
ANG, MD, Jae-Taek 443 Butler Rd ittening PA 18201	GS	CULLEY, MD, Andrew W 1450 Dutch Ridge Rd Beaver PA 15009	PTH	HONG, MD, Sung H 2300 Ben Franklin Dr Pittsburgh PA 15237	R	MOSKOVITZ, MD, Morry 336 College Ave Beaver PA 15009	IM	STRINE, MD, James A Medical Ctr Of Beaver Co Beaver PA 15009	NS
OCKEY, MD, Robert H Box 192 Kittanning PA 18201	OPH	CULYBA, MD, Michael J 244 College Ave Beaver PA 15009	IM	HORMOZDI, MD, Fraydoon 99 Murray Dr Beaver PA 15009	OBG	NANJUNDASWAMY, MD, Munaaagette C Dutch Rdg Rd Geri Hosp Beaver PA 15009	IM	SUTTON JR, MD, John C 417 32nd St Beaver Falls PA 15010	FP
BEAVER		DAMAZO, MD, Elpidio D 819 15th St Beaver Falls PA 15010	FP	JAFARNTA, MD, Mohamed R Po Box 219 Beaver PA 15009	OBG	NOTARO, MD, John 2349 Mill St Aliquippa PA 15001	FP	SWICK 2ND, MD, J Howard 1314 8th Ave Beaver Falls PA 15010	FP
LBERTS, MD, Nency K 980 Collina Ave Bedan PA 15005	FP	DAMAZO, MD, Nativided S 819 15th St Beaver Falls PA 15010	FP	JAMSHIDI, MD, Javed 309 Ninth St Monaca PA 15061	OBG	PAGE JR, MD, Edwin H 4090 Hervey Dr Aliquippa PA 15001	EM	TAPYRIK, MD, Nicholas 109 Swnssea Dr Aliquippa PA 15001	IM
NTICO, MD, Dominic A 2190 Ben Franklin Dr Pittsburgh PA 15237	R	DAVIS JR, MD, Edward T 402 Vermont Ave Rochester PA 15074	FP	JOHNSON, MD, Max E 945 Franklin St Aliquippa PA 15001	FP	PANTALONE, MD, Albert 2315 Mill St Aliquippa PA 15001	GS	TAYLOR, MD, Morgan F 1425 3rd St Beaver PA 15009	U
RBITMAN, MD, Michael 1310 Bennington Ave Pittsburgh PA 15217	R	DAVIS, MD, Grover T 828 Market St Bridgewater PA 15009	FP	JONES JR, MD, Herry B 2114 Newell Ave Aliquippa PA 15001	FP	PARULIS, MD, Albert C 955 Wyoming Ave Exater PA 18843	IM	THEL JR, MD, Henry C 930 3rd St Bx204 Beaver PA 15009	OPH
ACH, MD, William G 176 Virginia Ave Rochaster PA 15074	P	DEJESUS JR, MD, Romen Y 120 Fairfield Dr New Brighton PA 15066	AN	JONES, MD, Richerd E 108 Glenfield Drive Beaver PA 15009	AN	PASCUA, MD, Alexander V 149 Sunview Dr Beaver Falls PA 15010	GS	THOMAS JR, MD, Herold D 2113 Irwin St Aliquippa PA 15001	FP
AGLIO, MD, Corrado M 130 Evergreen Circle Beear PA 15009	PTH	DHAGAT, MD, Satiachchandre, Aliquippa Med Ctr Aliquippa PA 15001	U	KENNEDY, MD, Nelson M R D 1 Box 156 Derlington PA 18115	FP	PATEL, MD, Menojkumar R 2500 Hospital Dr Aliquippa PA 15001	OPH	TOMASI, MD, Samuel J 1119 8th Ave Beaver Falls PA 15010	FP

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ACOBSON, MD, Martin A 1711 N 15th St Reading PA 19604	IM	KUMAR, MD, Prem C 917 Summit Chase Dr Reading PA 19611	IM	MCKINNEY, MD, William L 317 N 6th St Reading PA 19601	IM	PATADIA, MD, Chendrekent 230 N 5th St Suite 510 Reading PA 19601	FP	ROTHERMEL, MD, Eerl W Lutheran Home Topton PA 19562	FP
AY JR, MD, Wendall T 600 Museum Rd Reading PA 19610	IM	KUMAR, MD, Raj K 917 Summit Chase Dr Reading PA 19611	FP	MCLEAN, MD, James J 607 Trent Ave Wyoming PA 19610	IM	PATEL, MD, Bipin M 402 Community Dr Shillington PA 19607	FP	ROWAN, MD, Noel M 145 Merion Lane Reading PA 19607	IM
EWELL JR, MD, James H 301 S 7th Ave Ste230 W Reading PA 19602	TS	KURJANOWICZ, MD, Wadim 623 N 5th St Reading PA 19601	FP	MC SHANE, MD, James R R D #9 Concord NH 03301	IM	PEARAH, MD, J David 1517 Durwood Dr Reading PA 19609	OPH	ROWAN, MD, Sandre K 310 N 11th St Reading PA 19604	PD
IMPERSON, MD, Cadric C 234 N 5th St Reading PA 19601	GS	KUTSCHER, MD, Harlen A 200 N 13th St Reading PA 19604	U	MCTAMMANY, MD, J Robert 601 Penn St Sta#1000 Reading PA 19601	OBG	PELLEGRINI, MD, Vincent A 321 Warwick Dr Wyomissing PA 19610	OBG	ROZANSKI, MD, Stanley J 941 Franklin St Reading PA 19602	OBG
OHNSON, MD, Alfred T 2240 Penn Ave West Lawn PA 19609	FP	LAMBERT, MD, Kenneth P 233 W Mein St Kutztown PA 19530	OBG	MEHARG JR, MD, John G 39 E Lencaster Ave Shillington PA 19607	IM	PENTA, MD, John J 237 S 5th St Reading PA 19602	OTO	RUBRIGHT, MD, Georga L 300 S 5th St Reading PA 19602	FP
OHNSON, MD, Creig H 24 Eagle Lane Fly Hills Reading PA 19607	NS	LATMAN, MD, Stephan F 1424 Penn Ave Wyomissing PA 19610	ORS	MELLON, MD, Robert 701 E Neversink Rd Reading PA 19606	P	PENTA, MD, John M 200 N 13th St Reading PA 19604	OTO	RUDDOLPH, MD, Robert I 1134 Penn Ave Wyomissing PA 19610	D
OHNSON, MD, Herbert C 601 Spruce St West Reading PA 19602	NS	LATTIN, MD, Gary M 200 N 13th St Reading PA 19604	IM	MENDELSON, MD, Eugene Fmc 120 Prospect St Reading PA 19606	OBG	PERILSTEIN, MD, Micheel D 200 N 13th St Reading PA 19604	IM	RUNYON, MD, William K 301 S 7th Ave West Reading PA 19602	GS
ONES, MD, Marion K Rd1 Box 250 Reading PA 19607	P	LEE, MD, Jung Pil 316 N 5th St Reading PA 19601	U	MENGES JR, MD, Job F 201 N Tulpehocken Rd Reading PA 19601	ORS	PERLMUTTER, MD, Gordon S 1711 Reading Blvd Wyomissing PA 19610	R	RUTH, MD, John F 740 Penn Ave Reading PA 19602	FP
APLAN, MD, Mel B 270 Friadansburg Rd Reading PA 19606	IM	LEE, MD, Jung S 12 Pinehurst Ct Reading PA 19607	FP	MERCURIO, MD, Terese 914 Clover Dr Wyomissing PA 19610	IM	PERRICCI, MD, Ellen S 2240 Alsace Rd #C9 Reading PA 19604	FP	SCHAEBLER, MD, M Lee 701 Jefferson Blvd Reading PA 19609	FP
APLIN, MD, Robin L 201 N 13th St Reading PA 19603	IM	LEIDY, MD, John P 122 Oley St Reading PA 19601	FP	MEYERS, MD, John L 320 E 4th St Shillington PA 19607	FP	PETERSON, MD, Helen H Hamburg Ctr Hamburg PA 19526	FP	SCHARTEL, DO, Albert P 451 Douglass St Reading PA 19601	FP
ARABELNIK, MD, Don 325 E Lancaster Ave Shillington PA 19607	FP	LEINBACH, MD, Hervey D 301 S 7th Ave Reading PA 19611	PD	MILES, MD, Michael A Rd 1 140 Hillside Rd-154 Birdsboro PA 19506	FP	PIFER, DO, John F 63 North 4th St Hamburg PA 19526	FP	SCHNEIER, MD, Rosa L 200 N 13th St Ste 206 Reading PA 19604	PD
ASE, MD, James J 112 N 11th St Reading PA 19601	IM	LEISAWITZ, MD, Elliott G 1927 N 15th St Reading PA 19604	IM	MILLER, MD, Henry N 233 N 6th St Reading PA 19601	IM	PLYMYER, MD, Ray E 600 Museum Rd Reading PA 19611	IM	SCHWEIZER, MD, Robert R 137 E Penn Ave Robesonia PA 19551	FP
ASTENBAUM, MD, Micheel 409 S Tulpehocken Rd Reading PA 19601	IM	LEISAWITZ, MD, Paul A 1617 Linden St Reading PA 19604	FP	MILLER, MD, Jay B 301 S 7th Ave Ste 230 W Reading PA 19611	U	POLLAK, MD, Lewis 332 N 5th St Reading PA 19601	OBG	SCORNAVACCHI JR, MD, Joseph M 1413 Rose Virginia Rd Reading PA 19611	ORS
EARNEY, MD, John M 120 Prospect St Reading PA 19606	GS	LENDEL, MD, Gery P 6 Anders Dr Cherry Hill NJ 08034	GS	MINEHART, MD, Cherlee R 200 N 13th Ste 201 Reading PA 19604	IM	POMERANTZ, MD, Philip A 200 N 13th St Reading PA 19604	IM	SCORNAVACCHI, MD, Joseph M 2152 Perkiomen Ave Reading PA 19606	U
EFFER, MD, William H 413 Oley St Reading PA 19601	IM	LEONI, MD, Joseph 931 Penn Ave Wyomissing PA 19610	U	MITNICK, MD, Paul D 623 Broadcasting Road Wyomissing PA 19610	IM	POTKONSKI, MD, Leopold A 245 Rosedale Dr Pottstown PA 19464	P	SCULLY, MD, John P 150 N 11th St Reading PA 19601	D
EISER, MD, Edwin L 256 W Dougless St Reading PA 19601	FP	LEVAN, MD, John B 6 Eli Court Reading PA 19607	IM	MOFFITT, MD, Vincant J 301 S 7th Ave W Reading PA 19611	PD	PROSERPI, MD, Sergio V 301 S 7th St W Reading PA 19602	PS	SEDA, MD, Hector J 301 S 7th Ave Reading PA 19602	OTO
ELLER, MD, Eli J 1101 Gregg Ave Reading PA 19607	FP	LIGNELLI, MD, Gregory J 606 Museum Rd Reading PA 19611	NS	MOLL, MD, Thomas B 301 S 7th Ave Ste 105 West Reading PA 19611	OPH	PRUZINSKY, MD, Stephen R 120 Prospect St Reading PA 19606	FP	SEIDEL, MD, Eric C 601 Kanhorat Blvd Reading PA 19611	US
ELLER, MD, John E 1955 Lincoln Ave Reading PA 19610	OTO	LLOYD, MD, Edger C Reading Hosp Anes Dept West Reading PA 19602	AN	MONDALA-OCBO, MD, Elise V 2 Chip Lane Shillington PA 19607	AN	QUEREAU, MD, J Ven 136 N 5th St Reading PA 19601	OPH	SELLERS, MD, Robert W 205 S Beech St Fleetwood PA 19522	FP
ELLER, MD, Lynwood V 106 S 4th St Reading PA 19602	FP	LODER, DO, Doneld I 143 E Well St Leesport PA 19533	FP	MORRISSEY JR, MD, E James 1121 Penn Ave Wyomissing PA 19610	ORS	RAMSEY JR, MD, Herry E 2211 Gring Dr Wyomissing PA 19610	IM	SEO, MD, Jin S P O Box 316 Reading PA 19603	AN
ERSHNER, MD, Merilyn S Rd 1 Wernersville PA 19565	R	LOEGER, MD, Doneld J Belly PA 19503	FP	MORROW, MD, Bert A 301 S 7th Ave Wyomissing PA 19602	GS	REBER, MD, Howard F 1322 Perkiomen Ave Reading PA 19602	U	SEXTON JR, MD, George L 301 S 7th Ave West Reading PA 19602	OBG
ERST, MD, John C 146 W Oley St Reading PA 19601	FP	LOHMANN, MD, Albert E 1310 Ferr Rd Reading PA 19602	GS	MOSER, MD, John C Box 143 Rd #2 Elverson PA 19520	FP	REED, MD, Clifford A 301 S 7th Ave W Reading PA 19611	N	SHAFFER, MD, Irvin G 2200 Lorreina Rd Reading PA 19604	AN
ESSLER, MD, Paul R 711 Penn Ave West Reading PA 19611	FP	LONGENECKER, MD, Benjamin E 4301 Kutztown Rd Temple PA 19560	FP	MOSER, MD, Menny H 301 S 7th Ave West Reading PA 19611	PS	REED, MD, Merk S Reading Hosp Reading PA 19603	PTH	SHAH, MD, Harnish V 501 Warwick Dr Reading PA 19610	PD
ILLIAN III, MD, Calab L 2508 Hempden Blvd Reading PA 19604	FP	LONGENECKER, MD, Roger N East Penn Medical Center Blendon PA 19510	FP	MUHLBERG, MD, John P 1961 Bern Rd Wyomissing PA 19610	PD	REED, MD, Roneld W 312 W 36th St Reading PA 19606	IM	SHEFFER, MD, M Leonard 3626 St Laurence Ave Reading PA 19606	FP
IM, MD, Chung Shik Reading Raheb Hosp Reading PA 19607	IM	LORD, MD, William H 916 Elizabeth Ave Reading PA 19605	FP	MULLIGAN, MD, Robert L Reading Hosp Reading PA 19603	R	REICHARD, MD, Richard C 112 S Homa Ave Topton PA 19562	FP	SHEMANSKI, MD, Clem J 32 Fairway Rd Flying Hls Reading PA 19607	FP
ING, MD, Weir L 120 Prospect St Reading PA 19606	IM	LOUGHEAD JR, MD, John R 223 E Lancaster Ave Shillington PA 19610	OBG	NAGLE, MD, Arlington A Rd 1 Womeladort PA 19587	FP	REIDENBERG, MD, Leon C-01 1601 Cambridge Ave Wyomissing PA 19610	OBG	SHIPPEN, MD, Eugena R 7 E Lancaster Ave Shillington PA 19607	FP
LEIN JR, MD, William J St Joseph Hosp Reading PA 19603	IM	LOWRY, MD, W Norwood Wernersville Stele Hoap Wernersville PA 19565	OS	NASE, MD, Paul K 206 S 8th Ave Waat Reading PA 19602	OPH	REIFSNYDER, MD, William H 2001 Bern Road Wyomissing PA 19610	IM	SHUHLER, MD, Michael F Fp Unit 301 S 7th Ave West Reading PA 19611	FP
LEIN, MD, Raymond A 26 Ironstone Dr Reading PA 19606	OBG	LUSCH, MD, Charles J 1617 Meedowlerk Rd Wyomissing PA 19610	IM	NICHOLAS JR, MD, Peter D 106 James St Sinking Spring PA 19606	IM	REIGH, MD, Ernest E Rd 3 Box 636 Mohnton PA 19540	NS	SHULTZ, MD, Berry S Box 6207A West Reading PA 19606	U
LEINER, MD, Anton J 1435 Garfield Ave Wyomissing PA 19610	OBG	LYNCH, MD, James D 200 N 13th St Ste 201 Reading PA 19604	FP	NIEBAUM, MD, Albert H 9600 44th Way N Pinellisa Perk FL 33565	FP	REINSEL, MD, Richard C 1314 Wyomissing PA 19610	GS	SHUMAN, MD, John F 301 S 7th Ave #300 W Reading PA 19602	IM
LEPPINGER, MD, Richard K 301 S 7th Ave West Reading PA 19602	OBG	MAGNANT, MD, Cleude D 881 A Widemore Ave Drexel Hill PA 19026	AN	NUGENT, MD, Fred B 715 Old Mill Rd # F-6 Wyomissing PA 19610	OBG	RENTSCHLER, MD, Edwin B 239 N 5th St Reading PA 19601	IM	SHUMAN, MD, Nancy A 1617 Farr Rd Wyomissing PA 19610	IM
LUFT, MD, Richard P 301 S 7th Ave West Reading PA 19611	P	MAIORANA, MD, S Leroy 1153 Penn Ave Wyomissing PA 19610	OBG	OCONNOR, MD, Robert D Chrl Chst Fermes Wernersville PA 19565	IM	RETTEW, MD, Philip L 2001 Bern Road Wyomissing PA 19610	IM	SILVERBERG, MD, Robert L 226 E Wyomissing Ave Mohnton PA 19540	FP
MAZIER, MD, Barry Congress'L Cir Apt 19B Reading PA 19607	OBG	MALICK, MD, Gereld P 301 S 7th Ave W Reading PA 19602	OBG	OLIVER, MD, Lawrence H 1809 Squire Ct Wyomissing PA 19610	R	REUBEN, MD, Merk S 200 N 13th St Reading PA 19604	PD	SLIMMER JR, MD, Semual C Reading Hospital Reading PA 19602	EM
COCHU, MD, Stava Rt 422 & Old Airport Rd Douglessville PA 19516	IM	MANUBAY, MD, Marcelo A 1510 Eckart Ave Reading PA 19602	FP	ORANBURG, MD, Philip R 2208 Delancay Pl Philadelphia PA 19103	IM	RIGHTMYER, MD, John N 122 N 4th St Hamburg PA 19526	FP	SMITH, MD, Berton L 301 S 7th Ave West Reading PA 19602	IM
COHL, MD, Stephen D 601 Penn St #1000 Reading PA 19601	OBG	MARCUS, MD, Jerome I 1801 Cambridge Ave B-06 Wyomissing PA 19610	PTH	ORQUIZA, MD, Clodualdo S 931 Penn Ave Wyomissing PA 19610	U	RIGHTS, MD, Theodora H 1164 N 13th St Reading PA 19604	PRM	SMITH, MD, Raymond L 2210 Bressler Dr Wyomissing PA 19610	PS
COLTON, MD, Vledimir J 1446-50 Spruce St Reading PA 19602	FP	MARSHALL, MD, John E Rd 1 Womelsdort PA 19587	FP	PACIULLI, MD, Raffeele 200 N 13th St Reading PA 19604	ORS	RISSEY, MD, Mark G 25 N Kemp St Kutztown PA 19530	P	SNYDER, MD, Richard D 1563 Pinehurst Dr Pittsburgh PA 15241	OTO
COTZEN, MD, Hermen F 1517 Hill Rd Reading PA 19602	PD	MARTIN, MD, Jack L Ste 201 200 N 13th St Reading PA 19604	IM	PADAYHAG, MD, Matiea M 2525 N 11th St Reading PA 19603	IM	ROBERTSON, MD, John J 30 E Mein St Kutztown PA 19530	FP	SOUDERS, MD, Thomas B 301 S 7th Ave Ste 105 West Reading PA 19611	OPH
KRALJEVIC, MD, Juan E 200 N 13th St Reading PA 19604	IM	MASSENGALE, MD, Alexander T 2002 Apple Court Wyomissing PA 19610	OBG	PADIYAR, MD, Remdes B Orchard View Ln Apt 101 Reading PA 19606	AN	ROBINSON, MD, Gery 2133 Elder St Reading PA 19604	FP	SPANGLER, DO, Martin L 900 N 5th St Reading PA 19601	FP
KRAMER, MD, Rendell K 228 E Wyomissing Ave Mohnton PA 19540	FP	MATTHEWS, MD, George R Reading Hosp Reading PA 19603	R	PAN, MD, Edward L 200 N 13th St Reading PA 19604	ORS	ROBINSON, MD, Michael L 1316 Fox Run Reading PA 19606	R	SPANNUTH, MD, John R 321 N 5th St Reading PA 19601	IM
KRIEBEL, MD, Dorothy E Furnace Rd R D 3 Wernersville PA 19565	P	MAZZA JR, MD, Petrick A 533 N 10th St Reading PA 19604	FP	PAOLINI, MD, Mauro J 1401 Orchard Rd Wyomissing PA 19610	PD	RODRIGUEZ, MD, Adolfo E 301 S 7th Avenue W Reading PA 19602	GS	STELMACH, MD, W Pater 1500 Oak Lane Reading PA 19604	FP
KRING, MD, Carroll S 140 W Windsor St Reading PA 19601	FP	MCCRAE, MD, Charlea R 301 S 7th Ave Ste200 West Reading PA 19611	ORS	PARKER JR, MD, James H 41 Cardinal Rd Reading PA 19610	OPH	ROMIG, MD, Roneld S 301 South Seventh Ave West Reading PA 19611	GS	STEWART, MD, Thomee A Rd 2 Box 105 Barnville PA 19508	FP

STOLZ, MD, John C R D 3 Fleetwood PA 19522	R	WIEST, MD, Philip R 238 N 6th St Reading PA 19601	OTO	BLOOM, MD, C Harry 1212 15th St Altoona PA 16601	FP	FRIDAY, MD, Daniel M Clay Avenue Ext Tyrone PA 16686	OBG	LOYCKIK, MD, Sandra G 2700 8th Ave Altoona PA 16602	N
STOLZ, MD, Jonathan L 145 N Sixth St Reading PA 19601	R	WILLIAMS, MD, Herman J 413 N 5th St Reading PA 19601	FP	BOWERS, MD, Leroy W Po Box 203 Tyrone PA 16686	FP	FULCHIERO, MD, Gregory J 501 Howard Ave Altoona PA 16601	ORS	LUGO, MD, Steven J 1501 Harvest View Ln Rd3 Duncansville PA 16635	US
STOLZ, MD, Paul K R D # 1 Fleetwood PA 19522	R	WILLIAMS, MD, John J 523 Carsonia Ave Reading PA 19606	FP	BOWMAN, MD, David H 14 Wicklow Ct Hollidaysburg PA 16646	OPH	GALBRAITH, MD, David J 3001 Second Ave Altoona PA 16602	PD	MACEK, MD, Ralph C 116 Union Avenue Altoona PA 16602	FP
STOUT, MD, Donald E 301 S 7th Ave West Reading PA 19611	N	WILLWERTH, MD, James W Ephrata Community Hosp Ephrata PA 17522	R	BRADLEY, MD, Varnon F 501 Howard Ave Altoona PA 16601	OBG	GIBBONS, MD, William P 1211 14th Ave Altoona PA 16601	PS	MAGEE, MD, Richard B 501 Howard Ave Altoona PA 16601	GS
STRAUB, MD, Rusaell E 35-21 E Kent Ave Lauraldale PA 19605	GS	WINANS, MD, Lewis E 2001 Bern Road Wyomissing PA 19610	IM	BRIDENBAUGH, MD, Robert P Cova Mad Ctr-Nason Dr Roaring Spring PA 16673	FP	GILLOT, MD, Jean M 3009 2nd Ave Altoona PA 16601	AN	MANETTA, MD, Albarto 2700 8th Avenue Altoona PA 16602	OBG
STRAUSE JR, MD, Harold L 530 Centre Ave Reading PA 19601	OPH	WINSTON, MD, Joseph M 12th & Walnut St Box 316 Reading PA 19603	R	BULGER, MD, Richard H Naw Entarprisa PA 16664	FP	GOLDSCHMIDT, MD, Paulina 5 A Evargreen Rd Hollidaysburg PA 16646	P	MANIGLIA, MD, Angelo J 702 16th St Altoona PA 16602	FP
STRAUSE, MD, Harold L 322 N 5th St Reading PA 19601	OPH	WINSTON, MD, Norman J 323 N 5th St Reading PA 19601	R	BURKET, MD, Daniel G 1108 13th Ave Altoona PA 16601	GS	GOLDSCHMIDT, MD, Zvi H Altoona Hospital Altoona PA 16603	IM	MATTAS, MD, Oliver E 1213 14th Ave Altoona PA 16601	U
SUMMONS, MD, Howard J 931 Penn Ave Wyomissing PA 19610	U	WITTELS, MD, Emanuel 409 Oley St Reading PA 19601	FP	BURKET, MD, Louis C 322 5th Ave Altoona PA 16602	PD	GOSHORN, MD, Roy W 521 Bellview Ave Bellwood PA 16617	P	MCKINNEY, MD, Henry D 501 Howard Ave Altoona PA 16601	D
SUWAN, MD, Manee Reading Rehab Hosp Reading PA 19607	PRM	WOLF, MD, Franklin M 200 N 13th St Reading PA 19604	GS	BURKET, MD, Ramon C Nason Dr Roaring Springs PA 16673	FP	GOULD, MD, John H 501 Howard Ave Altoona PA 16601	FP	MEISNER, MD, Marvin H 1414 Eighth Ave Altoona PA 16602	FP
SWEET, MD, William A 301 S 7th Ave West Reading PA 19602	GS	WONG, MD, James 200 N 13th St Reading PA 19604	IM	CASSIDY, MD, Joseph A 309 Powell Ave Cresson PA 16630	FP	GRAB, MD, Edmund M 2700 8th Ave Altoona PA 16602	OBG	MELOY, MD, John H 1414 Eighth Ave Altoona PA 16602	IM
SWEITZER, MD, Carl E 19 S 3rd St Hamburg PA 19526	FP	WOODRING, MD, Leonard R 1155 Penn Ave Wyomissing PA 19610	FP	CHEUNG, MD, Hoo J 1113 Penn St Hollidaysburg PA 16646	GS	HAAS, MD, Charles M 2617 Lark Ave Altoona PA 16603	PTH	MILLER, MD, Marilyn W R D 2 Box 325 Altoona PA 16601	R
SZARKO, MD, Frank J Reading Hospital Reading PA 19601	R	WORNAS, MD, Christian G 227 N 6th St Reading PA 19601	IM	CHO, MD, Doo W Altoona Hosp Cmh Altoona PA 16603	P	HADUCK, MD, Leonard A 1414 Eighth Ave Altoona PA 16602	FP	MOFFITT, MD, H Fred 3409 Baker Blvd Altoona PA 16602	OBG
TALLMAN, MD, Edwin H R D 3 Oley PA 19547	FP	WOTRING, MD, John M 220 N 6th St Reading PA 19601	OPH	CHOPRA, MD, Ramesh K 1205 14th Ave Altoona PA 16601	PD	HASABNIS, MD, Suhas P 501 Howard Ave Altoona PA 16601	OBG	MONTANEZ, MD, Jaime A 805 Chestnut Ave Altoona PA 16601	GS
TATU, MD, William F 145 N 6th St Reading PA 19601	R	WOYNAROWSKI, MD, John A 626 N 5th St Reading PA 19601	FP	CONNOLLE, MD, John F 319 N Logan Blvd Altoona PA 16602	OPH	HASSEN, MD, Irlan W 2500 5th St Altoona PA 16601	FP	MORRISON, MD, Charles C 501 Howard Ave Bldg C Altoona PA 16601	FP
TERRY, MD, F Lee 600 Elm Ave Reading PA 19605	IM	WUMMER, MD, Brian A R D 1 Womelsdorf PA 19567	FP	COTTLE, MD, Harold R 25 Sylvan Dr Hollidaysburg PA 16646	AN	HAYFORD JR, MD, Hugh 1309 11th St Altoona PA 16601	ORS	MOUSSA, MD, Mohamad 1220 13th Ave Altoona PA 16601	PO
TIETBOHL JR, MD, Ralph H 25 Stevens Weet Lawn PA 19609	FP	YEAGLEY, MD, Heber E 1409 Old Mill Rd Wyomissing PA 19610	R	CRIDER, MD, Donald B 501 Howard Ave Altoona PA 16601	PTH	HEATON, MD, Vincant W 421 Water Roaring Spring PA 16673	FP	MUHLFELDER, MD, Warren J 626 N Tarrace Dr Bldg 3 Altoona PA 16602	F
TOMKIEWICZ, MD, Thaddeus J 1516 Eckert Ave Reading PA 19602	FP	YOH, MD, Harold N 32 Larchwood Rd Wyomissing PA 19610	FP	DEKONING, MD, Johannes L 5144 W Chestnut St Altoona PA 16601	P	HEIMBACH, MD, James A 607 7th St Juniata Altoona PA 16601	IM	MUTHVEERAPPAN, MD, Vaarappan 1201 S 10th Street Altoona PA 16602	GS
TOSO, MD, Gianfranco F 301 S 7th Ave Reading PA 19602	OTO	YOUNDT, MD, Luke B 112 N Poplar St Bx 465 Adamstown PA 19501	R	DELERME, MD, Augusto N 958 Main St Coalport PA 16627	FP	HELFFRICH, MD, Richard S 2323 3rd Ave Altoona PA 16602	PD	OLEARY, MD, Jamee M 126 Clover Dr Hollidaysburg PA 16646	GS
TRACHTE, MD, Thomas P 406 N Wyomissing Rd Wyomissing PA 19610	FP	YOUNGBERG, MD, Russell E R D 1 Box 252 Reading PA 19607	PM	DELUZANSKY, MD, James J 501 Howard Ave Altoona PA 16601	OTO	HENDRICKS, MD, Charles S 404 East Wopey Ave Altoona PA 16601	OBG	OPIDA, MD, Cicaron L 703 Claybrook Dr Altoona PA 16602	N
TREXLER, MD, Ethan L 15 S Franklin St Fleetwood PA 19522	FP	YUND, MD, Lowell C R D 4 Box 545 A Chesterstown MD 21820	ORS	DIBERT, MD, Lawrence W 306 Plum St Williamsburg PA 16693	OTO	HILL, MD, Robert J 501 Howard Ave Altoona PA 16601	ORS	OSGOOD, MD, Carroll P Altoona Hospital Altoona PA 16603	NS
TREXLER, MD, Harold L 216 S 6th Ave West Reading PA 19611	FP	ZAPATA, MD, William A 4201 Kutztown Rd Temple PA 19560	IM	DIETRICK, MD, Ronald A 615 Howard Ave Altoona PA 16601	FP	HILLEMEIR, MD, Herbart Rd 1 Box 274A Alexandria PA 16611	EM	PARENTE, MD, Romulo O 104 Linwood Dr Altoona PA 16602	FP
URBAITIS, MD, Pater W 135 W Pann Ave Warnersville PA 19585	FP	ZELNICK, MD, Eric B Sta 330 301 S 7th Ave West Reading PA 19611	IM	DLUZANSKY, MD, James J 501 Howard Ave Altoona PA 16601	OBG	HIMES JR, MD, Ralph F 1216 11th Ave Altoona PA 16601	OPH	PARIS, MD, Mark F 909 E Main St Roaring Spring PA 16673	GS
VALENCIA, MD, Caledonio C 357 Penna Ave Shillington PA 19607	FP	ZERBY, MD, Jeffrey C 1340 Penn Ave Wyomissing PA 19610	FP	DONGELL JR, MD, Robert J 406 Jackson St Gallitzin PA 16641	U	HOFFMAN, MD, Salee L 1414 Eighth Ave Altoona PA 16602	IM	PERSING JR, MD, Harry M 2508 Broad Ave Altoona PA 16601	OPH
VANDENBOSCH, MD, John T 606 Museum Rd Reading PA 19611	IM	ZIENTEK, MD, Leon T Rd# 7074 Reading PA 19606	OPH	DRASKOCZY, MD, Stevan P 1414 Eighth Ave Altoona PA 16602	FP	HOMMER JR, MD, J Scott 2500 5th St Altoona PA 16601	FP	POLLACK, MD, David S 909 E Main St Roaring Spring PA 16673	GS
VASA, MD, Mark A Reading Hosp Med Ctr Rad Reading PA 19603	R	ZOBAN, MD, Edward J 206 S 6th Ave West Reading PA 19602	OPH	DUMEYER, MD, William H 106 Church Dr Monaca PA 15061	IM	HOOVLER, MD, Philip W 1414 Eighth Ave Altoona PA 16602	IM	POLLOCK, MD, Arthur E 1217 14th Ave Altoona PA 16601	FF
VENIER, MD, Leon H R D 1 Box 154 Leesport PA 19533	PM	ZOLGHADRI, MD, Siavash 730 Washington St Reading PA 19601	IM	DUNN, MD, Leon C Altoona Hosp Altoona PA 16603	R	HULL, MD, Ben L 6502 N Central Ave A-203 Phoenix AZ 85020	ORS	PROSSER, MD, John O 406 Union St Hollidaysburg PA 16646	FF
VERBINSKI, MD, Ted 1340 Penn Ave Wyomissing PA 19610	OBG	BLAIR		EGAN, MD, Robert F 501 Howard Ave Altoona PA 16601	R	HURST, MD, John W 1215 23 Ave Altoona PA 16601	R	RAJU, MD, Rudraraju P Mercy Hospital Altoona PA 16603	F
WADEMAN, MD, Ross L 301 S 7th Ave Ste 320 West Reading PA 19602	GS	ADAMS, MD, Anne K 64 Clover Dr Hollidaysburg PA 16646	PRM	ENGLAND, MD, Kenneth B 501 Church St Roaring Spg PA 16673	IM	INGOLDSBY, MD, Eugene C 1216 13th Ave Altoona PA 16601	IM	RICE, MD, Donald H Mr 42-A Frankstown Rd Hollidaysburg PA 16646	F
WAGNER, MD, John B 301 S 7th Ave West Reading PA 19602	FP	AIGNER, MD, William J 2301 Broad Ave Altoona PA 16601	FP	ENGLISH, MD, James B 1106 13th Ave Altoona PA 16601	FP	JONES, MD, Larry W 704 Poplar St Roaring Spgs PA 16673	OPH	RODRIGUEZ, MD, Julio A 515 26th St Altoona PA 16602	ORS
WALKER, MD, William W 150 N 11th St Reading PA 19601	D	ANTON, MD, Americo B Box 15 Overlook Dr Hollidaysburg PA 16646	PTH	ERVIN, MD, Lawrence M 931 Main St Coalport PA 16627	IM	JOURDAIN, MD, Luis M Altoona Hosp Altoona PA 16603	PTH	ROSCHE, MD, Julia C 2300 Broad Ave Altoona PA 16601	IN
WANCZYK, MD, Casimir J Rd 3 Bx 455A Reading PA 19606	OBG	AYERS, MD, Lloyd R 509 Allegheny St Hollidaysburg PA 16646	IM	FABINYI, MD, Geza T P O Box 72 Altoona PA 16603	FP	KACZOR, MD, Stanley F 2606 Broad Ave Altoona PA 16601	FP	SANDLER, MD, Richard 501 Howard Ave Altoona PA 16601	IN
WANG, MD, Charles N Community Gen Hosp Reading PA 19601	PTH	AYRES, MD, John A 1251 Logan Ave Tyrone PA 16686	FP	FALL, MD, Michael H 1209 14th Ave Altoona PA 16601	FP	KAPLAN, MD, Staphan M 501 Howard Ave Altoona PA 16601	IM	SANKARAN, MD, Manickam 702 Erin Dr Altoona PA 16602	IN
WEAVER, MD, Mary F Rd 7141 Reading PA 19606	FP	BARNES, MD, Robert F Evergreen Rd Hollidaysburg PA 16646	IM	FEES JR, MD, Arch W 501 Howard Ave Altoona PA 16601	U	KARUNARATNE, MD, Esirickrema, Altoona Hosp Rad Dept Altoona PA 16603	R	SCHULTZ, MD, Edward D Claysburg PA 16625	FI
WEISBERG, MD, Jerome S 17 Goldfinch Rd Wyomissing PA 19610	IM	BASILE, MD, Joseph 1710 8th Ave Altoona PA 16602	GS	FERNANDO, MD, Michael F Rd #3 Box 680 Duncansville PA 16635	U	KEAGY, MD, Robert M 3510 Bakar Blvd Altoona PA 16602	PD	SCHULTZ, MD, Edward J Claysburg PA 16625	FI
WELSH, MD, James F Community Gen Hosp Reading PA 19601	PTH	BEERS, MD, Kenneth L 501 Howard Ave Altoona PA 16601	FP	FOCHLER, MD, Francis J 501 Howard Ave Altoona PA 16601	PM	KING, MD, S Victor 515 26th St Altoona PA 16602	ORS	SHAHEN, MD, Robert G 2633 Broad Ave Altoona PA 16601	IN
WERLEY, MD, Walter W 1934 Old Wyomissing Rd Reading PA 19610	US	BENITEZ, MD, Francisco W Po Box 526 Altoona PA 16603	FP	FORSE JR, MD, David P Little Vly Saxton PA 16676	AN	KRON, MD, Ira B 604 Beaumont Dr Altoona PA 16602	IM	SHAUB JR, MD, Howard G 817 Penn St Hollidaysburg PA 16646	PTI
WESTCOTT, MD, Richard J 76 Grandview Blvd Wyo Hills PA 19609	GS	BERARDINELLI, MD, John L 501 Howard Ave Altoona PA 16601	PD	FRAIRE, MD, Armando E Mercy Hospital Lab Altoona PA 16603	GS	LOVELL, MD, Donald R 401 Main St Ballwood PA 16617	GS	SHEEDY, MD, John G 116 Union Ave Altoona PA 16602	FI
WESTENDORP, MD, Andre C 135 N 8th St Reading PA 19601	FP	BIESINGER, MD, George J 501 Howard Ave Altoona PA 16601	OBG		PTH	LOYCHIK, MD, Robert L 1000 Pina Heights Roaring Springs PA 16673	IM	SHINDEL, MD, James H Box 212 R D 3 Altoona PA 16602	I
WIENER, MD, Stephan G 1212 Liggett Ave Reading PA 19611	D	BISHOP, MD, David W Conrail Altoona PA 16603	PRM					SILVERMAN, MD, Joseph S 4304 Lyndale Road Altoona PA 16602	I
								SKRENTNY, MD, Thomas T 1214 13th Ave Raar Altoona PA 16601	FI

SMITH, MD, Victorie T Altoona Hosp Pm Dept Altoona PA 16603	PM	BROWN, MD, Doyle H Guthrie Clinic Ltd Sayre PA 18840	ORS	LUFT, MD, William C Guthrie Clinic Ltd Sayre PA 18840	PTH	SEWELL, MD, William H Guthrie Clinic Sayre PA 18840	TS	BRYAN JR, MD, John S 10 S Clinton Doylestown PA 18901	ORS
NEFF, MD, Eugene M Altoona Hospital Altoona PA 16603	PTH	BUCKTHAL, MD, Paul E 203 Maple St Sayre PA 18840	N	LYNCH, MD, John C 304 N Main St Athens PA 18810	FP	SHELLING, MD, Richard E Guthrie Clinic Ltd Sayre PA 18840	IM	BUCHER, MD, Robert G Cherry Lane Wycombe PA 18960	FP
SPONSER, MD, Rodney L 3109 4th St Altoona PA 16602	PD	BUNAO, MD, Romulo M Guthrie Clinic Sayre PA 18840	FP	MACKAY, MD, Bruce R Guthrie Clinic Sayre PA 18840	IM	SMAHA, MD, Lynn A Guthrie Clinic Ltd Sayre PA 18840	IM	BULKLEY, MD, Andrew D Apt E55 955 Eaton Rd Werrington PA 18978	PD
STITZEL, MD, Elwood W 3508 Beker Blvd Altoona PA 16602	PD	CADY, MD, Joseph B 630 S Main St Athens PA 18810	IM	MACKLER, MD, Gerald L Guthrie Clinic Ltd Sayre PA 18840	IM	SWEIGART, MD, Gene M Guthrie Clinic Ltd Sayre PA 18840	U	CALO, MD, Aldo A 290 Hemilton Ave Princeton NJ 08540	IM
STOKER, MD, John W 615 Howard Ave Altoona PA 16601	OBG	CADY, MD, William W 505 S Wilbur Ave Sayre PA 18840	IM	MAHON JR, MD, Frank B Guthrie Clinic Ltd Sayre PA 18840	U	TAMA, MD, Lawrence R D 1 Towanda PA 18848	GS	CAMPBELL, MD, Neil P Richboro Prot Ctr Richboro PA 18954	OBG
STOWELL, MD, Joseph M 501 Howard Ave Altoona PA 16601	GS	CAREY, MD, Kevin V Guthrie Clinic Sayre PA 18840	IM	MATTA, MD, Isaac I Guthrie Clinic Ltd Sayre PA 18840	GS	THOMAS, MD, John M Guthrie Clinic Ltd Sayre PA 18840	GS	CAPPIELLO, MD, William A 5 Lakaside Dr Levittown PA 19054	GS
STRASSMAN, MD, Jack 1119 13th Ave Altoona PA 16601	GS	CARPENDER, MD, James W Bx 432 Rd 1 Carbondale PA 18407	R	MCCALLUM, MD, John D 263 Troy St Box 85 Canton PA 17724	FP	TY, MD, James S Guthrie Clinic Ltd Sayre PA 18840	R	CAPRIOTTI, MD, Ocleuvia A 404 E Broad St Souderton PA 18984	OPH
SUTTON, MD, Charles A Rd 3 Box 640 Duncensville PA 16635	R	CHADWICK, MD, Herold H Wysox PA 18854	FP	MCCLINTIC, DO, William R 7 Fallbrook St Troy PA 18947	FP	WANAMAKER, MD, John L Guthrie Clinic Ltd Sayre PA 18840	IM	CARVAJAL, MD, Roberto T 887 Gainaway Rd Yerdley PA 19067	IM
THOMAS, MD, Merte J 2907 Columbia Dr Altoona PA 16602	FP	CHARLTON, MD, Brien L R D 2 Wellsburg NY 14894	GS	MCCOY, MD, Orlo G Box 195 Canton PA 17724	FP	WEAVER, MD, Donald R Guthrie Clinic Ltd Sayre PA 18840	PTH	CAUFFMAN, MD, William J 1723 Woodbourne Rd Levittown PA 19057	IM
TOLIS, MD, Besile D 112 Union Ave Altoona PA 16602	GS	CLOUGH, MD, Donald M Guthrie Clinic Sayre PA 18840	GS	MCDERMOTT, MD, Merie M Warren Center Rd Little Meadows PA 18830	FP	WERT, MD, Roy E 212 N Penne Ave Sayre PA 18840	ORS	CEVALLOS, MD, Eduardo A 131 S 11 St Quakertown PA 18951	PD
TSAI, MD, Ming C Rd 2 Po Box 87 Hollidaysburg PA 16648	IM	COBB, MD, Bleine W Guthrie Clinic Ltd Sayre PA 18840	IM	MEIKLE, MD, Charles E 417 N Main St Athens PA 18810	FP	WILT, MD, John W Guthrie Clinic Ltd Sayre PA 18840	IM	CHAI, MD, Chiu L 258 Trumbaueraville Rd Quakertown PA 18951	FP
TUSHIM, MD, Joseph N 1118 13th Ave Altoona PA 16601	FP	COHEN, MD, Robert Guthrie Clinic Sayre PA 18840	ORS	MEYER, MD, Kenneth K Guthrie Clinic Sayre PA 18840	GS	WINSTON, MD, Ralph B Guthrie Clinic Ltd Sayre PA 18840	IM	CHAMBERLAIN, MD, William H 715 Old Orchard Lane Bristol PA 19007	TS
VEGA, MD, Fernando D 501 Howard Ave Altoona PA 16602	US	CONKLIN, MD, Stanley D 506 S Elm Ave Sayre PA 18840	IM	MICHAELS, MD, Robert M Guthrie Clinic Ltd Sayre PA 18840	IM	ZEHR, MD, Ralph D Guthrie Clinic Ltd Sayre PA 18840	R	CHARNEY, MD, Richard H 225 Newtown Rd Ste C Wernimster PA 18974	U
WAIBEL, MD, John T 2729 8th Ave Altoona PA 16602	OBG	DANZI, MD, Joseph T Guthrie Clinic Ltd Sayre PA 18840	IM	MINIELLY, MD, Richard W Guthrie Clinic Ltd Sayre PA 18840	OBG	ZIMMERMAN, MD, Merk Medical Arts Bldg Towanda PA 18848	IM	CHAWLA, MD, Herish C River View Pleze Ste 8-B Yerdley PA 19067	GS
WALKER, MD, Leon R 311 Union St Hollidaysburg PA 16648	FP	DESHMUKH, MD, Nerayan Guthrie Clinic Ltd Sayre PA 18840	GS	MOODY, MD, Robert A Guthrie Clinic Ltd Sayre PA 18840	N	BUCKS			IM
WERTZ, MD, Robert E 501 Howard Ave Altoona PA 16601	GS	DIEHNHART, MD, Karl J Guthrie Clinic Sayre PA 18840	IM	MOOTZ, MD, John R Lot 47 Stovers Acres Sayre PA 18840	R	ABIR, MD, Iseec Richboro Prot Bldg Richboro PA 18954	PD	CHIN, MD, Byoung Kwon 783 Grove Ave Southampton PA 18988	IM
WILEY, MD, Bert C Rd 4 Box 215 Bedford PA 15522	PM	DOWNEY, MD, Thomas R Guthrie Clinic Sayre PA 18840	P	MURLAND, MD, Albert M Guthrie Clinic Ltd Sayre PA 18840	ORS	ADLER, DO, Donald J 312 Pheasant Run Dr New Britain PA 18901	D	CHOBY, MD, John J 14A Memorial Dr Doylestown PA 18901	OBG
WILKINS, MD, Warren M 1880 Sherwood Dr Altoona PA 16602	R	EVANS II, MD, Lewis C Guthrie Clinic Ltd Sayre PA 18840	IM	NAGLE, MD, Warren C Guthrie Clinic Sayre PA 18840	U	ADRID, MD, Augusto S 1723 Woodbourne Rd Levittown PA 19057	GS	CHOI, MD, Byong L 55 Nency Drive Richboro PA 18954	AN
WINGERT JR, MD, J Paul 1414 Eighth Ave Altoona PA 16602	IM	FALKENBERG, MD, K Jorg Guthrie Clinic Ltd Sayre PA 18840	OTO	NARAYANAN, MD, Edethil K 208 Lambert St Sayre PA 18840	PD	AIMETTE, MD, Alexander A 404 E Broad St Souderton PA 18984	OPH	CIANFRANI, MD, Peter M 925 Main St Pennsburg PA 16073	FP
WINIARSKI, MD, Jenusz 2601 8th Ave Altoona PA 16602	AN	FEDELE, MD, Charles R Guthrie Clinic Sayre PA 18840	D	NOONE, MD, Jamea P Med Arts Bldg Towanda PA 18848	FP	AKBARI, MD, Seeed 264 W Stete St Doylestown PA 18901	U	CLARKE, MD, Franklyn R 378 S Bellavue Ave Langhorne PA 19047	P
WUSTROW, MD, Heinz J 4329 6th Ave Altoona PA 16602	PD	FLOOD, MD, James M Guthrie Clinic Sayre PA 18840	D	OSBORN, MD, Edward L Rd2 # 36 Oak Hill Dr Sayre PA 18840	OPH	ALDERFER, MD, Arthur J P O Box 150 Sellersville PA 18980	FP	CLIPP, MD, Samuel W 384 Oak Dr Souderton PA 18984	R
YOUNG, MD, William D 202 Linwood Dr Altoona PA 16602	FP	FLYNN, MD, Richard J Guthrie Clinic Ltd Sayre PA 18840	N	PACANOWSKI, MD, John P Guthrie Clinic Ltd Sayre PA 18840	PD	ANSARI, MD, Souketh 7 Bradford Ave #5 Trenton NJ 18610	IM	COHEN, MD, Martin A 505 Washington Ave Newtown PA 18940	ORS
YOUSHAU, MD, Dennis G 501 Howard Ave Altoona PA 16601	GS	GERMAN, MD, Rey F Guthrie Clinic Sayre PA 18840	IM	PERRY, MD, Raymond A Box 197-B Rd 1 N Towende PA 18848	IM	APPLESTEIN, MD, Bruce 14B Memorial Dr Doylestown PA 18901	IM	COLETTA, MD, Daniel J 730 Spring Vellay Rd Doylestown PA 18901	OBG
ZAVAHIR, MD, M Feizel 920 Penn St Hollidaysburg PA 16648	PD	GERGEN, MD, Werner A Guthrie Clinic Sayre PA 18840	OBG	PETERSON, MD, Karl R Po Box 127 Wyalusing PA 18853	FP	ARCILLA, MD, Jaime D 68 Red Lion Rd Huntingdn Vly PA 19006	PS	CONAHAN, MD, Bernerdin O Superbottom-Mozert Rda Furlong PA 18925	PD
ZIMMERMAN, MD, A Leonerd 501 Howard Ave Altoona PA 16601	OTO	GOOD, MD, Vance A Box 121 Rd#3 Troy PA 16947	IM	PRICE, MD, Karen A Guthrie Clinic Ltd Sayre PA 18840	AN	ARDIZONE, MD, Rohlo A 2109 Delancey Pl Philadelphia PA 19103	PS	CONNOLLY JR, MD, John M 108 St Mary Med Bldg Langhorne PA 19047	GS
ZLUPKO, MD, George M R D 5 Box 147 Altoona PA 18601	IM	GU, MD, Jeng Y Robert Pecker Hosp Sayre PA 18840	R	RAWAN, MD, Gila S Guthrie Clinic An Dept Sayre PA 18840	AN	BAISAS, MD, Roger C 827 Whitehorae Ave Trenton NJ 08810	NS	CONNORS JR, MD, Earl K 118 W Richardson Ave Langhorne PA 19047	FP
BRADFORD				IM	OBG	BARRER, MD, Mitchell J 117 Crestwood Dr Lansdale PA 19448	AN	CONRAD, MD, James L 1301 N 5th St Perkesie PA 18944	FP
ALLEN, MD, Robert L Guthrie Clinic Ltd Sayre PA 18840	ORS	JACOBSON, MD, Horece H 602 S Main St Athens PA 18810	U	RANCK, MD, Sidney G Guthrie Clinic Ltd Sayre PA 18840	PD	BASSERT, MD, David E Lower Bucke Hosp Bristol PA 19007	PTH	COVERDALE III, MD, Edward J Wetson Dr Rd 2 Doylestown PA 18901	IM
ARONSTAM, MD, Robert H Guthrie Clinic Ltd Sayre PA 18840	OPH	JOHNSON, MD, Elting C 12 Walnut St Towanda PA 18848	IM	RAO, MD, Sudheker V Guthrie Clinic Ltd Sayre PA 18840	IM	BASSETT, MD, Samuel F 48 Pinewood Dr Doylestown PA 18901	US	COVERDALE, MD, Edward J Route 811 Denboro PA 18918	FP
BAKER, MD, Den R 305 Glenwood Tr Hghlnd T Southern Pines NC 28387	ORS	KAHN, MD, Ronald L Guthrie Clinic Ltd Sayre PA 18840	IM	RAUB, MD, Jeffrey D Guthrie Clinic Hlt Ctr Athens PA 18810	FP	BERNARDINO JR, MD, Vitalieno B St Mary Med Bldg #204 Langhorne PA 19047	OPH	COVERDALE, MD, Paul J Rte 811 Denboro PA 18918	IM
BECK, MD, Jen Guthrie Clinic Ltd Sayre PA 18840	GS	KALKUNTE, MD, Jegdish R Guthrie Clinic Ltd Sayre PA 18840	TS	REDDING, MD, Willis A 10185 42nd Terrace S Boynton Beech FL 33438	AN	BERNARDINO, MD, Evelina A Rd 1 Shannon Rd Newtown PA 18940	D	COYNE, MD, Veronice Z 777 Ferry Rd Doylestown PA 18901	IM
BECK, MD, William C Guthrie Clinic Sayre PA 18840	GS	KELLY, MD, John A Robert Pecker Hosp Sayre PA 18840	PTH	REDDY, MD, V Sereswathi R D #2 Lot #11 Sayre PA 18840	OPH	BERNSTEIN, MD, Mark H 1782 Cindy Lane Helfield PA 19440	P	CRITTENDEN, MD, Donald W 424 Grandview Ave Perkesie PA 18944	FP
BEDNAREK, MD, Thomas F 118 Highland Ave Sayre PA 18840	R	KERSTING, MD, John W Guthrie Clinic Ltd Sayre PA 18840	P	RENSIMER, MD, Weyne T R D 1 Box 303 Athens PA 18810	OPH	BETZ, MD, Randal R 32 Umber Rd Levittown PA 19058	GS	CULOTTA, MD, Dominic A Box 105 Faesterville PA 19047	OTO
BEGELMAN, MD, Kenneth M Guthrie Clinic Ltd Sayre PA 18840	GS	KIELTY, MD, John T 208 Main St Towanda PA 18848	FP	RENTSCHLER, MD, Henry D 720 South Main St Athens PA 18810	OPH	BLOCK, MD, Steven 218 Hewthorne Cir North Wales PA 19454	OBG	CURCI, MD, Joseph J 18 Golfview Rd Doylestown PA 18901	GS
BENNETT, MD, Peter H 603 N Main St Athens PA 18810	FP	KIKKAWA, MD, Kazutoahi Guthrie Clinic Sayre PA 18840	R	RICHARDS, MD, Frederick H 425 Centon St Troy PA 18947	ORS	BOLAND JR, MD, Frenicia B 71 E Ashlnd Doylestown PA 18901	ORS	DANZIS, DO, Jeffrey J 202 N Main St Chellont PA 18914	U
BLOOD JR, MD, Joseph B P O Box 55 Sayre PA 18840	IM	KING, MD, Arthur B Guthrie Clinic Sayre PA 18840	NS	ROBINSON JR, MD, Elliott S Guthrie Clinic Ltd Sayre PA 18840	OBG	BONNER, MD, Dennis J St Marys Med Bldg Ste210 Langhorne PA 19047	PMR	DARNELL, MD, Richerd I 130 N Main St New Hope PA 18938	FP
BOSELLI, MD, Bruce D Guthrie Clinic Sayre PA 18840	IM	KING, MD, Joseph T Robert Pecker Hosp Sayre PA 18840	PTH	ROCKMAN, MD, Menley 220 S Elmer Ave Sayre PA 18840	FP	BRECHER, MD, Jeffrey A 225 Newtown Rd Ste K Wernimster PA 18974	IM	DAVIS, MD, Herriet J 165 Pebble Woods Dr Doylestown PA 18901	PD
BRENNER JR, MD, Samuel S 103 Guthrie Sq Sayre PA 18840	PD	KULCZYCKI, MD, Edward Guthrie Clinic Sayre PA 18840	OPH	ROSE, MD, Frederick B R D 2 Box 433 Sayre PA 18840	IM	BRENNEMAN, MD, Paul G 385 E Butler St New Britain PA 18901	FP	DEOCERA, MD, Rodotto M 359 Upper Holland Richboro PA 18954	GS
		LIVELY, MD, Henry S Guthrie Clinic Ltd Sayre PA 18840	IM	ROYCE, MD, Paul C Guthrie Clinic Ltd Sayre PA 18840	IM	BROWN 5TH, MD, Thomas W 825 Hillcrest Dr Perkasie PA 18944	GS	DIRENZO, MD, Enrico J 1202 Pond St Briarlot PA 19007	FP
		LU, MD, Ta Shung Guthrie Clinic Ltd Sayre PA 18840	AN	RUDOLPH, MD, Richerd L 29 Oak Hill Dr Rd 2 Sayre PA 18840	IM				

DOBROTA, MD, John S Pennridge Med Arts Bldg Sellersville PA 18960	IM	GREENSPAN, MD, Mitchell M 27 Sunnybrook Ave New Britsin PA 18901	IM	KOFFLER, MD, Howard B 1024 Denston Dr Ambler PA 19002	IM	MCFADDEN, MD, John F 1003 Easton Rd Apt 418 Willow Grove PA 19090	IM	PERSHING, MD, Hugh S Cherry Lane Weycombe PA 18980	FP
DOWNS, DO, Carolyn R 603 Mueller Rd Warminster PA 18974	IM	GRIBB, MD, John J 14A Memorial Dr Doylestown PA 18901	OBG	KOO, MD, Peter J Grand View Hoap Sellersville PA 18960	OBG	MCGARRY, MD, Thomas F 9301 Frankford Ave Philadelphia PA 19114	IM	PETERS, MD, Michael Fairhill Rd Rd 1 Hatfield PA 19440	IM
DRAGANOSKY, MD, Eugene A 1288 New Rodgers Rd Levittown PA 19058	OBG	GUPTA, MD, Mehash C 4700 Anaconda Rd Cornwells Hgts PA 19020	PD	KRATZ, MD, Vernon H 407 School House Rd Sellersville PA 18960	P	MCGARVEY, MD, Joseph F 14 B Memorial Dr Doylestown PA 18901	IM	PFROMMER, MD, James H Church Rd Telford PA 18969	FP
DREZNER, MD, Malcolm E Taylorsville Rd Wash Crossing PA 18977	GS	HAECKLER, MD, William S 2570 Bristol Rd Warrington PA 18976	FP	KRIEBEL, MD, Richard H Grandview Hosp Lawn Ave Sellersville PA 18980	AN	MCGRAW JR, MD, John J 828 Gsler Road Newtown Sq PA 19073	PTH	PITKOW, MD, Ronald B 1231 Barrowdele Rd Rydal PA 19048	ORS
DUANE, MD, Julia M Bedminster PA 18910	PD	HALE, MD, Robert H 14B Memorial Dr Doylestown PA 18901	IM	KUCER, MD, Frank T Pennridge Med Arts Bldg Sellersville PA 18960	IM	MCILVAINE, MD, Paul W 218 Mulberry St Bristol PA 19007	FP	POOLE, MD, Edward F 1588 Woodbourne Rd Levittown PA 19057	OPH
DUNKLE, MD, David B 20 Heights Lane Feesterville PA 19047	FP	HANSEN, MD, Carl A Lawn Ave Prot Bldg Sellersville PA 18960	ORS	KUCER, MD, Kathleen A Pennridge Med Arts Bldg Sellersville PA 18960	D	MEARS, MD, Elmer E 1 Post Lane Levittown PA 19054	FP	PRESS JR, MD, Richard A Med Arts Bldg Ste 1 Levittown PA 19057	FP
EBERHART, MD, Joseph C 824 Duchess Dr Yardley PA 19067	FP	HARDY, MD, Charles A 862 Gainesway Rd Yardley PA 19067	AN	LAMBROS, MD, John E 1588 Woodbourne Rd Levittown PA 19057	OPH	MEHTA, MD, Manilal B 9400 E Rosecrans Ave Bellflower CA 90706	U	PRICE, MD, Richard T 1301 N 5th St Perkasie PA 18944	FP
EFFINGER, MD, Gerold J 142 Bellevue Ave Bx 173 Pennel PA 19047	IM	HARR, MD, Douglas P 712 Lawn Ave Sellersville PA 18960	IM	LANDES, MD, Rsy P 540 Harleysville Pike Souderton PA 18984	IM	MILLER, MD, David H 57 Street Rd Southampton PA 18966	OPH	PRICKETT, MD, John A 1574 Easton Rd Warrington PA 18978	R
EICHER, MD, Wendell P 1532 Park Ave Quakertown PA 18951	GS	HAWKINS, MD, Edward R 82 S Main Box 364 Yardley PA 19067	FP	LANE, MD, John D 1202 Pond St Bristol PA 19007	FP	MILLS, MD, William L R D 2 Box 288A New Hope PA 18938	R	PRYOR JR, MD, Charles A Navy Coastal Sys Ctr Peneme City FL 32407	GS
ELLIN, MD, Victor B 100 Union St Morrisville PA 19067	FP	HAYMAN, MD, Herry B 81 Crebtree Dr Levittown PA 19055	OBG	LAUDENSLAGER, MD, Elmer C 10 S Clinton Doylestown PA 18901	FP	MOLL, MD, David C 1301 N 5th St Perkasie PA 18944	FP	QUINN, MD, Dianne M 228 W Willow Grove Ave Philadelphia PA 19118	PTH
ELLIS, DO, Louis D 483 E County Rd Hatboro PA 19040	R	HEDRICK, MD, Gerald W 1733 Diamond St Sellersville PA 18960	FP	LEDIS, MD, Seymour 1723 Woodbourne Rd # 10 Levittown PA 19057	PD	MONKOWSKI, MD, Alfred M 82 S Main St Box 364 Yardley PA 19067	IM	RADOFF, MD, Marvin L 833 Durham Rd Pennel PA 19047	OTO
ERLICHMAN, MD, I Fulton 2 Shadywood Rd Levittown PA 19058	IM	HELZNER, MD, Eileen C 3688 Oak Lane Furlong PA 18925	FP	LEE, MD, Chanchi 1208 Dickinson Dr Yardley PA 19067	U	MONTEITH JR, MD, William E 10 S Clinton Doylestown PA 18901	GS	RAIFORD, MD, John W 1339 Woodbourne Rd Levittown PA 19057	OBG
EVANS, MD, Robert J St Marys Med Bldg Langhorne PA 19047	U	HERMANN, MD, Christopher P 100 Blossom Hill Ln Chalfont PA 18914	IM	LEE, MD, Jenniter C 700 Lawn Ave Sellersville PA 18980	AN	MORRISON JR, MD, David P 875 N Easton Rd Doylestown PA 18901	OPH	RAVEY-CANTWELL, MD, Nelson H Box 258 Furlong PA 18925	IM
EVES, MD, John H Green Acres Dublin Pike Fountainville PA 18923	OTO	HIDALGO, MD, Horacio A 1 Sugar Maple Lane Levittown PA 19055	FP	LEIBY, MD, David K 9 S Main St New Hope PA 18938	FP	MOYER, MD, Dennis L 711 Lawn Ave Po Box 209 Sellersville PA 18960	GS	REINHART, MD, Raymond B Bx 97Aa R D 2 New Hope PA 18938	R
FALCO, MD, Frank G 601 Pebble Hill Rd Doylestown PA 18901	IM	HIPP, MD, Thomas J Lawn Ave Prof Ctr Sellersville PA 18960	PD	LEISTER, MD, Howard A 400 Weshington Ave Newtown PA 18940	FP	MOYER, MD, John P 723 Lswa Ave Sellersville PA 18960	IM	RENDON, MD, Roberto 407 Lodges Lane Elkins Park PA 19117	N
FANNIN, MD, Thomas S 725 Radcliffe St Bristol PA 19007	FP	HIRSCH, MD, Stuart E 1588 Woodbourne Rd Levittown PA 19057	OPH	LEVIN, MD, Gene D 71 East Ashland St Doylestown PA 18901	ORS	MOYER, MD, Leroy 52 W Broad St Souderton PA 18964	GS	RICHARDS, MD, John C 1405 Township Line Rd Chalfont PA 18914	P
FAST, MD, Willis B 155 Willow Dr Levittown PA 19054	GS	HOLLANDER, MD, Irwin J Grand View Hosp Sellersville PA 18960	PTH	LEVIN, MD, Morris 1437 Ft Washington Ave Ambler PA 19002	R	MOYER, MD, Paul R 777 Ferry Rd Doylestown PA 18901	IM	RICHE, MD, A Thomas Route 283 Buckingham PA 18912	FP
FAUNCE III, MD, James G Gordon Rd Rd 5 Doylestown PA 18901	OBG	HOLTZMAN, MD, Henry B Landmark Bldg Doylestown PA 18901	IM	LEVIN, MD, Richard L 1723 Woodbourne Rd Levittown PA 19057	D	MOYER, MD, Stanley M 519 Juniper St Quakertown PA 18951	FP	RICKER, MD, Arthur J 36 S Main St New Hope PA 18938	FP
FEIGLEY, MD, Donald M 32 S 10th St Quakertown PA 18951	FP	HORWITZ, MD, Milton R Franklin Bldg Fkln & Wood Doylestown PA 18901	OTO	LIEBMAN, MD, Irvin M 59 Pinewood Dr Levittown PA 19054	D	MULLIN, MD, Raymond J 155 Willow Drive Levittown PA 19054	GS	RILLING, MD, David C 711 Lawn Ave Sellersville PA 18980	TS
FINKELSTEIN, MD, Gery S 711 Lawn Ave Box 330 Sellersville PA 18960	GS	HOUGAARD, MD, John P 28 Feme Hill Rd Levittown PA 19056	FP	LILLIE, MD, David B 1723 Woodbourne Rd Levittown PA 19057	U	NADEL, MD, Ramon B 1723 Woodbourne Rd Ste 1 Levittown PA 19057	IM	RINGOLD, MD, Murrays H 71 Pinewood Dr Levittown PA 19054	FP
FLACCO, MD, Albert J 1723 Woodbourne Rd # 10 Levittown PA 19057	PD	HUNTER, MD, Marvin T P S Assn 10 S Clinton St Doylestown PA 18901	PS	LINDEMUTH, MD, Edmund K Bucks Co Dept Of Health Doylestown PA 18901	OS	NAIK, MD, Sudhir D 5 Kelburn Ct Cherry Hill NJ 08003	FP	RISEING, MD, David C P O Box 192 Sellersville PA 18980	ORS
FORD, MD, Francis W Franklin & Wood Sts Doylestown PA 18901	GS	IRWIN, MD, John T 505 Washington St Newtown PA 18940	ORS	LIPSON, DO, Philip A 38 W Norton Dr Churchville PA 18988	EM	NAPLES, MD, Jerry F 2222 Trenton Rd Levittown PA 19058	OBG	RIVERA, MD, Victor C 108 St Mary Med Bldg Langhorne PA 19047	PD
FORTNUM, MD, Walter G 1554 Princeton Ave Trenton NJ 08638	FP	JAFFE, MD, Joel D 1723 Woodbourne Rd Levittown PA 19057	OTO	LIPSON, MD, M Barry Bx 297 505 Washington Av Newtown PA 18940	ORS	NASE, MD, Donald F Penn-Ridge Med Arts Bldg Sellersville PA 18960	IM	ROBERTS, MD, Robert J 455 Drexel Place Quakertown PA 18951	FP
FRANKLIN, MD, Irvin D 225 Newtown Rd Ste L Warminster PA 18974	GS	JANNELLI, MD, Angels F 1723 Woodbourne Rd Levittown PA 19057	IM	LOEV, MD, Marvin 1339 Woodbourne Rd Levittown PA 19057	OBG	NASE, MD, Paul M 300 Branch Rd Sellersville PA 18980	FP	ROEDER, MD, Kathleen M 320 Almshouse Rd Doylestown PA 18901	FP
FREDRICKSON, MD, Victor J 40 E Court St Doylestown PA 18901	FP	JARMAN, MD, Merthe L Richboro PA 18954	FP	LOUX, MD, Norman L Cowpath Rd Souderton PA 18984	P	NELSON, MD, Mortimer T 1288 New Rodgers Rd Levittown PA 19058	OBG	ROMANO, MD, Vincent E 258 Radcliffe St Bristol PA 19007	OBG
FREEBORN, MD, William P R D 1 New Hope PA 18938	US	JAVIAN JR, MD, Thomss A St Mary Medical Bldg Langhorne PA 19047	ORS	LUSCOMBE, MD, Herbert J 70 Canal Run West Wash Crossing PA 18977	FP	NESE, MD, Daniel A 10 S Clinton St Doylestown PA 18901	OTO	ROSENMAN, MD, Howard D 201 Woolston Dr Ste 2C Morrisville PA 19067	D
FREED, MD, Clarence L 724 Lawn Ave Box 111 Sellersville PA 18960	PS	KALMAR, MD, Oscar R 3559 Hulmerville Rd Cornwells Hgts PA 19020	FP	LYONS, MD, Wilbert A 38 Walnut St Sellersville PA 18980	P	NEWSOM, MD, John H Cardells Corner Yardley PA 19067	FP	ROTHSTEIN, MD, Edward P Lawn Ave Prot Bldg Sellersville PA 18980	PD
FRIEDMAN, MD, Phillip 131 S Bellevue Ave Langhorne PA 19047	FP	KARDISH, MD, Thomas J 5 Cherry Blossom Dr Southampton PA 18988	FP	MACKELL, MD, Thomas E 10 S Clinton St Doylestown PA 18901	ORS	NOBLE, MD, Jayaseelen 411 W Trenton Ave Morrisville PA 19067	PS	RUEBEL, MD, Armin A 76 W Court St Doylestown PA 18901	U
GAMO, MD, Teofila S 902 Summit Lane Oreland PA 19075	EM	KARNIK, MD, Subash S 225 Newtown Rd Ste M Warminster PA 18974	GS	MADANY, MD, Bahij H 919 Durham Rd Pennel PA 19047	U	NOE JR, MD, William L 1287 Plymouth Pl Daytona Bch FL 32014	US	RUEBEL, MD, Catherine D Rd 1 Gordon Rd Doylestown PA 18901	PD
GARNER, MD, Blaine R 309 E Washington Ave Newtown PA 18940	FP	KAUFMAN, MD, Alan C Pennridge Med Arts Bldg Sellersville PA 18960	IM	MADDEN, MD, Francis P 2nd St & Merry Dell Dr Churchville PA 18968	IM	NUSCHKE, MD, John D 205 W Reliance Rd Souderton PA 18984	FP	RUE, MD, Redding H Box 275 Chalfont PA 18914	FP
GATES, MD, Thomas N 132 Sandywood Dr Doylestown PA 18901	FP	KAUFMANN, MD, Michael W 122 East Maple Ave Morrisville PA 19067	P	MADDEN, MD, Robert A 900B Old Orchard Rd Bristol PA 19007	IM	OMANA, MD, Jess E 106 N Main St Sellersville PA 18960	OBG	RUTBERG, MD, Michael 225 Newtown Rd Suite C Warminster PA 18974	GS
GEETTER, MD, Philip H 711 Lawn Ave Sellersville PA 18960	OPH	KEEBLER, MD, Craig A 9925 Wingtip Rd Philadelphia PA 19115	OBG	MAHAN, MD, John P 45 Seton Hill Court Holland PA 18988	IM	PACILISANU, MD, Zeno G 6 Fullturn Rd Levittown PA 19058	P	SAGEN, MD, William 31 Lakeside Dr Levittown PA 19054	NS
GILLEN, MD, Dennis R 2200 Ben Frank Pkwy E508 Philadelphia PA 19130	FP	KENNY, MD, Rose M Doylestown Hosp Doylestown PA 18901	PTH	MAHBOUBI, MD, Riaz 2-13 Aspen Way Doylestown PA 18901	AN	PADUA-DEOCERA, MD, Zaide P 359 Upper Holland Rd Richboro PA 18954	OBG	SANTOS, MD, Rodolfo J St Marys Med Bldg 109 Langhorne PA 19047	IV
GIRONE, MD, Joseph A Lawn Ave Prof Bldg Sellersville PA 18960	PD	KETELS, MD, Erik A 1228 New Rodgers Rd Levittown PA 19056	OBG	MANN, MD, Harold J 60 2nd Street Pike Southampton PA 18906	OBG	PAREKH, MD, Nayens J 793 Sumter Dr Yardley PA 19067	AN	SASSON, MD, Robert Newtown Yardley Rd S 1D Newtown PA 18940	PC
GODSHALL, MD, Richard W Lawn Ave Prof Bldg Sellersville PA 18960	ORS	KIM, MD, Hak R 81 Crabtree Dr Levittown PA 19055	OBG	MARFATIA, MD, Sudhir K 220 Newton Rd Warminster PA 18974	FP	PARLEE, MD, Donald E 75 Foxcroft Dr Doylestown PA 18901	R	SCHILLER, MD, Ruth P Lawn Ave Prot Bldg Sellersville PA 18980	PC
GOLDBERG, MD, Harvey E 401 Radcliffe St Bristol PA 19007	IM	KIM, MD, Yung S 490 Temple Pl Quakertown PA 18951	IM	MAZAHARI, MD, Ahmed 188 N Main St Doylestown PA 18901	AN	PAULEY, MD, Lois P Rd 2 Pineville Rd Newtown PA 18940	PO	SCHLACKMAN, MD, Neil Lawn Ave Prof Bldg Sellersville PA 18960	PC
GOLDSTEIN, MD, Arnold L 1723 Woodbourne Rd Levittown PA 19057	IM	KNOUSE, MD, Albert B 1 Sugar Maple Lane Levittown PA 19055	OBG	MAZARZ, MD, Dennis M 33 S Delsware Ave Yardley PA 19067	PD	PAULEY, MD, William G Medical Arts Bldg Levittown PA 19056	IM	SCHOLL JR, MD, Harvey W Grndview Hosp Dept Rad Sellersville PA 18960	F
GONZALES, MD, Albert 1321 No 41st St Fl Lauderdale FL 33308	FP	KOELSCH, MD, Robert R Pennridge Med Arts Bldg Sellersville PA 18960	D	MCCAULEY, DO, Floyce D Hilltown Pike Hilltown PA 18927	P	PERKINS, MD, Phyllis M 1328 Carol Rd Meadowbrook PA 19048	OBG	SCHWARTZ, MD, Milton A 85 Makefield Rd Morrisville PA 19067	FF
GREEN, MD, Bradford Royal Oak MD 21862	OBG							SCHWARTZ, MD, Peter L 3221 Stockton Pl Holland PA 18988	IN

ENDZIK, MD, Nestor I 14 A Memorial Dr Doylestown PA 18901	OBG	TICE, MD, Walter R P O Box 560 Quakertown PA 18951	FP	BUTLER	KIM, MD, Raymond Y 314 Union Natl Bk Bldg Butler PA 16001	U	WELLMAN, MD, Richard H V A Hospital Butler PA 16001	IM
HAFFER, MD, George W 14 Brighton Ct Gaithersburg MD 20760	FP	TOLENTINO, MD, Pablito L Lower Bucks Hosp Bristol PA 19007	AN	ADALJA, MD, Ashok N Va Hospital Butler PA 18001	IM	PTH	WICK, MD, John L 25 Rad Oak Rd Butler PA 16001	OPH
HANKAR, MD, Ram G 1505 Yardley Rd Yardley PA 19067	FP	TOMLINSON, MD, William B 82 S Main St Box 364 Yardley PA 19067	FP	ARMSTRONG, MD, William J 342 N Main St Butler PA 18001	IM	FP	WOLF, MD, James S 185 Brugh Ave Butler PA 18001	N
HEARBURN III, MD, Edwin W 723 Lawn Ave Pennrdg Med Sellersville PA 18960	GS	TOREKI, MD, William 449 N Penna Ave Morrisville PA 19067	PD	ASHBAUGH, MD, William H 210 Central Dr Butler PA 18001	PD	IM	WYMER, MD, Ralph M 348 N Mc Kean St Butler PA 18001	OBG
HERR, MD, Virginia T 47 Crescent Dr Holland PA 18968	P	TREIMAN, MD, Harris I 20 Heights Lane Feesterville PA 19047	FP	BAKER, MD, Marvin P 1022 N Main St Butler PA 18001	IM	R	YOST, MD, C Thomas 185 Brugh Ave Butler PA 18001	OTO
HETZLEY, MD, Carl M Box 278 Buckingham PA 18912	FP	TRUE, MD, A Curtis 2917 Yorkshire Road Doylestown PA 18901	OS	BANGHART, MD, Henry E East Broadway Salem NY 12885	IM	OBG		
HOEMAKER JR, MD, Lester E R D 2 Doylestown PA 18901	R	TRUJILLO, MD, Hernando 31 Lakeside Dr Lavitown PA 19054	GS	BARRERA JR, MD, A Rodolfo 423 S Main St Butler PA 18001	OBG	OBG	CAMBRIA	
HOEMAKER, MD, David M 256 Trumbauersville Rd Quakertown PA 18951	FP	URBANIAK, MD, Thomas F 73 E Afton Ave Yardley PA 19067	ORS	BEAN, MD, Carl B 164 W Orchard Dr Butler PA 18001	R	GS	ABRAHAMS, MD, Jonathan I Rd #5 Box 303 Johnstown PA 15905	R
HOENTHAL, MD, William J 73 Kiltie Dr New Hope PA 18938	FP	VANDERBEEK, MD, Richard R 14-B Memorial Dr Doylestown PA 18901	IM	BEHRENDT, MD, Richard P 604 4th St Butler PA 18001	OBG	ORS	AGUILERA, MD, Amelie G 809 Somersel Ave Windbar PA 15963	OBG
HOWAN, MD, Ann Marie 56 Applecross Cir Challont PA 18914	AN	VASSALLUZZO, MD, Francis J 20 Heights Lane Faesterville PA 19047	FP	BLACK, DO, Samuel J Butler Co Mem Hosp Butler PA 18001	R	GS	AGUILERA, MD, Bonifacio T 809 Somersel Ave Windbar PA 15963	TS
HULTZ, MD, Thomas L 1723 Woodbourne Rd Lavitown PA 19057	IM	VASSALLUZZO, MD, Julio E 1749 Fita Terrace Langhorne PA 19047	FP	BREWER, MD, Robert H P O Box 321 Patrolia PA 16050	FP	IM	ALKHATIB, MD, Ahmed M 1017 Grambling St Johnstown PA 15904	IM
IEGEL, MD, William 712 Lawn Ave Sellersville PA 18960	IM	VASTA, MD, Alfred G 500 Juniper St Quakertown PA 18951	IM	CAMERON, MD, Laura M 586 Whitestown Rd Butler PA 18001	IM	FP	ALLEN JR, MD, Herbert V 2472 Bedford St Johnstown PA 15904	FP
IMONS, MD, Carl I 829 Durham Rd Pannal PA 19047	ORS	VERGIS, MD, James G 1723 Woodbourne Rd Lavitown PA 19057	IM	CHANNAPATI, MD, Thippeswemy 185 Brugh Ave Butler PA 18001	IM	FP	ANTEMANN, MD, Richard W 135 Osborne St Johnstown PA 15905	R
IMPSON, MD, Zachery A 10 S Clinton Doylestown PA 18901	GS	VIZOR, MD, Mark B 724 Lawn Ave Sellersville PA 18960	OBG	COHEN, MD, Archibald C 900 Bay Dr Apt 423 Miami Beach FL 33141	IM	PTH	ASHMAN, MD, George S 503 Tioga St Johnstown PA 15905	OPH
INAIAKO, MD, Peter A 1723 Woodbourne Rd Lavitown PA 19057	U	VLESSING, MD, Elias 15 Lakeside Dr Lavitown PA 19054	OBG	COPE, MD, Donald I Butler Co Mem Hosp Butler PA 18001	R	IM	ASHMAN, MD, Philip 1949 Bates Drive Johnstown PA 15905	IM
LADKIN, MD, Kenneth R 1723 Woodbourne Rd #10 Lavitown PA 19057	PD	WANG, MD, Andreus 12 Davon Dr New Hope PA 18938	IM	COTTINGTON, MD, Gordon M 185 Brugh Ave Butler PA 18001	ORS	FP	ASER, MD, Magdi S 88 Osborne St Johnstown PA 15905	TS
LIWINSKI, MD, Stanley J 1288 New Rodgers Rd Lavitown PA 19058	OBG	WARRENDER, MD, William F 781 2nd St Pike Southampton PA 18966	IM	DENOYA, MD, Roberto J P O Box 288 Butler PA 18001	OBG	R	BANTLY, MD, Victor S 715 Oak St Johnstown PA 15902	FP
LWITH, MD, Walter M 119 S Main St Richlandtown PA 18955	FP	WATSON, MD, Alan D 2968 Burnt Houe Hill Rd Doylestown PA 18901	U	DICUCCIO, MD, William A 300 Hillvue Dr Butler PA 18001	FP	IM	BARTO, MD, Jack W 1020 Franklin St Johnstown PA 15905	PD
SNYDER, MD, Alan I 207 St Mary Med Bldg Philadelphia PA 19047	U	WEISBERG, MD, Robert A 85 Makafeld Rd Morrisville PA 19067	ORS	DISS, MD, Robert G 1025 E Brady St Butler PA 18001	US	FP	BEATTY, MD, Lawrence T 413-415 Russell Ave Johnstown PA 15902	FP
SNYDER, MD, Berry J 44 Sweetbriar Lane Lavitown PA 19055	FP	WEISEL JR, MD, William F 230 Thockton Ave Quakertown PA 18951	OBG	DONALDSON, MD, James O 128 Woodridge Rd Butler PA 18001	FP	AN	BEERMAN, MD, Curtis A 1141 Franklin St Johnstown PA 15905	PD
SONDER, MD, Hester M 1453 Hagyard Rd Narberth PA 19072	OBG	WELSCHE, MD, Frank A Court & Clinton Sts Doylestown PA 18901	PTH	DRENNEN JR, MD, James K 101 Grosvenor Dr Butler PA 18001	GS	IM	BENKO, MD, Stephen T 1020 Franklin St #202 Johnstown PA 15905	PS
SONG, MD, Sang W 179 Buckshire Dr Holland PA 18968	PTH	WENGER, MD, Jay A Grand View Hosp Sellersville PA 18960	FP	DUDECK, MD, Carl R 184 Oak Hills Heights Butler PA 18001	GS	GS	BENNETT, MD, John L 320 Main St Johnstown PA 15901	US
SOUDER, MD, Francis R 27 N Main St Tallford PA 18969	FP	WERNER JR, MD, Joseph H 450 East St Doylestown PA 18901	PD	ECKERT, MD, Robert T 300 N Mc Kean St Butler PA 18001	IM	PTH	BENSHOFF, MD, Arthur M 1302 Somersel Ave Windbar PA 15963	FP
SOUDER, MD, Ronald L Lawn Ave Prol Bldg Sellersville PA 18960	PD	WESTCOTT, MD, William I Pannawood Village C-103 Newtown PA 18940	IM	EVANS, MD, Jonathan L 1022 N Main St Butler PA 18001	IM	R	BENSHOFF, MD, Albert M 1020 Franklin St Johnstown PA 15905	PTH
SOULLIARD, MD, Donald H 1852 Jenney Terr Langhorne PA 19047	PTH	WHITE, MD, Richard F P O Box 4000 Princeton NJ 08540	FP	FITZSIMMONS, MD, William R 319 W Jefferson St Butler PA 18001	OBG	US	BERGER, MD, Karl 225 Vine St Johnstown PA 15901	PD
SPEAR, MD, Barbara A P O Box 337 Furlong PA 18925	P	WILLARD, MD, Samuel B 10 S Clinton St Doylestown PA 18901	OBG	FLEMING, MD, William H 129 S Mc Kean St Butler PA 18001	OTO	IM	BLOOM, MD, Meyer 1111 Franklin St Johnstown PA 15905	IM
SPEERS, MD, Herbert K 1339 Woodbourne Rd Lavitown PA 19057	OBG	WILLIAMS JR, MD, Gomer T 57 Streal Rd Ste E Southampton PA 18968	FP	FOSTER, MD, Frederick G Grove Rd Gibsonia PA 15044	P	IM	BONDY, MD, Thomas J 1700 Magdalene Way Johnstown PA 15905	AN
SPIVACK, MD, Jack 1723 Woodbourne Rd Lavitown PA 19057	ORS	WINN JR, MD, Charles L 723 Lawn Ave Sellersville PA 18960	FP	FOX, MD, Donald C 301 N Mc Kean St Butler PA 18001	PD	GS	BORECKY, MD, David C 353 Market St Johnstown PA 15901	IM
STARRELS, MD, Michael E Franklin & Wood Sts Doylestown PA 18901	OPH	WOODMAN, MD, Thomas J 32 N Broad St Doylestown PA 18901	AN	GARCIA, MD, Alfredo J 312 W Jefferson St Butler PA 18001	IM	PD	BORKOW, MD, Joel E 1020 Franklin St #202 Johnstown PA 15905	PS
STRAUSS, MD, Richard E 205 Radcliffe St Bristol PA 19007	D	ZANKMAN, MD, Neilhen Woodbourne Rd Lavitown PA 19057	FP	GOEHRING, MD, Donald E 106 S Main St Butler PA 18001	OTO	GS	BOYER, MD, Edwin C 917 Sunnehanna Dv Johnstown PA 15905	FP
STROUSE, MD, J Willard Belleville And Green St Hulmeville PA 19047	FP	ZANNI, MD, Anthony L 111 N 49th St Philadelphia PA 19139	FP	GREGG, MD, Thomas S Butler County Mem Hosp Butler PA 18001	R	IM	BRADLEY, MD, Samuel M 1135 Franklin St Johnstown PA 15905	IM
SUGDEN, MD, William A Bx 278 Buckingham PA 18912	FP	ZUCKERMAN, MD, Nathan 1723 Woodbourne Rd Lavitown PA 19057	OBG	HAN, MD, Samuel I 127 E Wayne St Butler PA 18001	IM	FP	BREMER, MD, Harry J 237 Lincoln St Johnstown PA 15901	FP
SUSSMAN, DO, Gerry P 119 Virginia Ave Perkasie PA 18944	FP			HINCHBERGER, MD, Paul A 777 Bull Creek Rd Butler PA 18001	FP	OBG	BRISINI, MD, Patrick D Centretown Mall Johnstown PA 15901	U
TAFFLIN, DO, Dannie H Green Acres Prof Bldg Fountainville PA 18923	FP			HOOTMAN, MD, Barry D 179 E Brewster Rd Butler PA 18001	ORS	IM	BURKETT, MD, Donald E 813 Jefferson Ave Portage PA 15948	FP
TATEM 3RD, MD, Henry R Doylestown Hosp Doylestown PA 18901	R			HUNT, MD, Robert E 124 W Pearl St Butler PA 18001	FP	D	BUSH, MD, Stephen T 320 Main St Johnstown PA 15901	PTH
TAX, MD, Richard L 57 Streat Rd Southampton PA 18966	OPH			HUST, MD, Frederick S 104 Woodland Rd Butler PA 18001	R	FP	CALDERON, MD, Celis S 2183 Woodcrest Dr Johnstown PA 15905	PD
TE, MD, Tomes T 1532 Park Ave Prof Bldg Quakertown PA 18951	OPH			IMBRIE, MD, David E 327 N Main St Butler PA 18001	PTH	OBG	CALDERON, MD, Dominador C 1111 Franklin St Johnstown PA 15905	IM
THOMAS JR, MD, Howard P 100 S Main St Tallford PA 18969	PD			JENNEY, MD, Florence S 1813 Tulane Ave Alemogordo NM 88310	PTH	OPH	CARDELLINO, MD, Thomas J 1157 Franklin St Johnstown PA 15905	IM
TIBBELS, MD, Ewing W 332 Brendwood Dr Langhorne PA 19047	OTO			JOHNSON JR, MD, Nelson E 105 Chicora Rd Butler PA 18001	FP	OTO	CARNEY, MD, Frank T 1111 Franklin St Johnstown PA 15905	U
				KERR, MD, William F 2120 Carol Dr R D 2 Saxonburg PA 16058	FP	FP	CAROFF, MD, Romuald J 2451 Bedford St Johnstown PA 15904	FP

CARTER, MD, Howard A 100 Alpha Dr Johnstown PA 15904	AN	GRIFFITH, MD, Glenn G 1111 Franklin St Johnstown PA 15905	GS	LUTHER, MD, Robert J Po Bx 366 111 N Ctr St Ebensburg PA 15931	FP	PATTERSON, MD, Joseph R 1086 Franklin St Johnstown PA 15905	R	SHOPE, MD, Earl S Rd 1 Alum Bank PA 15521	PTH
CASALE, MD, Lawrence F 88 Osborne St Johnstown PA 15905	ORS	GVOZDEN, MD, Robert 126 Fairfield Ave Johnstown PA 15906	GS	MAGLEY, MD, Robert C 300 W Highland Ave Ebensburg PA 15931	FP	PAVICH, MD, Rudolph W 1126 Dithridge Dr Johnstown PA 15905	PRM	SIEPER, DO, William J Rd #1 Box 95-A Hollisoppla PA 15935	R
CASTELLON, MD, Mireya A 801 Drexel Ave Johnstown PA 15905	US	HAMATY, MD, Ronald M Cantra Town Mall Johnstown PA 15901	OBG	MALHOTRA, MD, Vijay K 103 Kanruth Ave Johnstown PA 15905	IM	PICKERILL, MD, Robert G 524 Grove Ave Johnstown PA 15902	IM	SINHA, MD, Asok K 289 Irving St Johnstown PA 15905	GS
CASTELLON-VOGEL, MD, Carlos H Lea Hosp 320 Main St Johnstown PA 15901	FP	HANZEL, MD, George D 1127 Franklin St Johnstown PA 15905	IM	MARAVALLI, MD, Camilla J 406 Main St Johnstown PA 15901	OPH	PINKERTON, DO, Richard A 1020 Franklin Ste #100 Johnstown PA 15905	IM	SIVULICH, MD, Michael J 406 Main St Johnstown PA 15901	OPH
CERIMELE, MD, Nicholas A 88 Osborne St Johnstown PA 15905	GS	HARLEY, MD, John B 1086 Franklin St Johnstown PA 15905	IM	MAR-MAYANS, MD, Juan B 1086 Franklin St Johnstown PA 15905	IM	PLUMMER, MD, Robert A R D 2 Box 66 Windbar PA 15963	FP	SLOAN, MD, Gerald H R D 1 Mineral Point PA 15942	U
CHANDRAN, MD, Gopalaswamy 1020 Franklin St Johnstown PA 15905	IM	HARRIGER, MD, Clyde E 636 Scalp Ave Johnstown PA 15904	FP	MASCIOTRA, MD, Nicholas J 104 Milton St Johnstown PA 15905	OTO	POST, MD, Jarvis H 47 Osborne St Johnstown PA 15905	OPH	SMITH, MD, William P 116 E High St Ebensburg PA 15931	FP
CHOBY, MD, Joseph P 520 E Court St Doylestown PA 16901	FP	HARTNETT, MD, Robert W 213 Vine St Johnstown PA 15901	FP	MATHUR, MD, Dinesh P 1020 Franklin St Johnstown PA 15905	IM	POTE JR, MD, Harry H 433 Orchard St Johnstown PA 15905	IM	SMOYER, MD, Ronald L 233 Miffin St Johnstown PA 15905	FP
CICCO, MD, Robert C 1020 Franklin St Ste 301 Johnstown PA 15905	PD	HEDRICK, MD, Thomas A 506 Johns B&T Bldg Johnstown PA 15901	PD	MAYER, MD, William F 420 Orchard St Johnstown PA 15905	PD	PRICE, MD, Richard E 500 Schoolhouse Rd Johnstown PA 15915	IM	SOBIESKI, MD, Joseph 207 Tall Timber Dr Johnstown PA 15904	IM
COBERN, MD, Charles B 1020 Franklin St Johnstown PA 15905	R	HENRIOUES, MD, Errol D 213 S Marion St Ebensburg PA 15931	FP	MCANENY, MD, John B 1618 12 Oaks Way 102 N Palm Bch FL 33406	R	PRUCHNIC, MD, William F 1111 Franklin St Johnstown PA 15905	IM	SOISSON JR, MD, Ferdinand L 353 Market St Johnstown PA 15901	OBG
CORSON, MD, Hampton P 1111 Franklin St Johnstown PA 15905	OBG	HILL, MD, Edward 1111 Franklin St Johnstown PA 15905	ORS	MCANENY, MD, James L 1041 Capa May Ave Cape May NJ 08204	FP	OUNN, MD, John R 320 Main St Johnstown PA 15901	AN	SRIVASTAVA, MD, Sheonath P 223 Collegiate Dr Johnstown PA 15904	IM
CSIKOS, MD, David A 609 Somerset Ave Windbar PA 15963	IM	HIRSCH, MD, William P Marcy Hosp Johnstown PA 15905	FP	MCKENNA, MD, Thomas J 902 U S Bank Bldg Johnstown PA 15901	OPH	RAYMOND, MD, Eugene E 55 Colgate Ave Johnstown PA 15905	GS	STADTMILLER, MD, Richard J Bolivar Mad Ctr Bolivar PA 15923	FP
CWIK, MD, John C 1086 Franklin St Johnstown PA 15905	AN	HOFFMAN, MD, Chauncey 150 Macridge Ave Johnstown PA 15904	FP	MCKINLEY, MD, Richard G 1111 Franklin St Johnstown PA 15905	OBG	RAYMOND, MD, Joseph W Us Natl Bnk Bldg Rm 907 Johnstown PA 15901	OPH	STEIN, MD, Alan H 227 Luzarna St Johnstown PA 15905	FP
DANDREA, MD, Raymond L Bigler Ave Spangler PA 15775	FP	HORWIN, MD, Samuel 568 Elknud Lana Johnstown PA 15905	R	MEYERS, MD, Paul T 333 The Esplanada A-201 Venice FL 33595	OTO	RAYMOND, MD, Paul A 235 Collegiate Dr Johnstown PA 15904	US	STOTLER, MD, Charles W 1530 Budfield St Johnstown PA 15904	FP
DAVIS, MD, James K 142 Algonquin St Johnstown PA 15904	FP	HUDSON, MD, George H 1084 Bedford St Johnstown PA 15902	FP	MEYERS, MD, S Benjamin 110 Bliss St Johnstown PA 15905	US	REESE, MD, Jack W 213 10th St Barnesboro PA 15714	GS	STOVER, MD, Donald L Box 406 Davidsville PA 15926	FP
DAVISON, MD, William R 1111 Franklin Johnstown PA 15905	ORS	HUEBNER, MD, John J Po Box 186 Johnstown PA 15907	FP	MICHAUD, MD, Joseph E 1141 Franklin St Johnstown PA 15905	PD	RESPECT, MD, Patrick B 68 Osborne St Johnstown PA 15905	ORS	STROTHER, MD, Georga W 320 Main Street Johnstown PA 15901	IM
DHAWER, MD, Virender P 230 Tall Timber Dr Johnstown PA 15904	IM	HUNSBARGER, MD, Charles L 406 Main St Johnstown PA 15901	OPH	MIHALICK, MD, Peter J 807 Thermal Ave Johnstown PA 15905	GS	REYES, MD, Alfrede M 1101 Phila Ave Barnesboro PA 15714	FP	STRUNK, MD, Thomas J 1111 Franklin St Johnstown PA 15905	U
DOYLE, MD, Albert F 216 Franklin St Johnstown PA 15901	U	HYMAN, MD, Paul R 741 Weyna St Johnstown PA 15905	N	MIKESIC, MD, Michael G 449 Woodmont Rd Johnstown PA 15905	US	RHOADS, MD, Harry M 438 Park Ave Johnstown PA 15902	FP	SWANSIGER, MD, Robert J 609 Somerset Ave Windbar PA 15963	FP
DUKE, MD, Bruce E 1111 Franklin St Johnstown PA 15905	GS	IGNACIO JR, MD, Glicerio V General Delivery Hastings PA 16646	FP	MILDER, MD, James E Bx 437 Rd3 Leventry Rd Johnstown PA 15904	IM	RICHEY, MD, James E 1111 Franklin St Johnstown PA 15905	IM	TAN JR, MD, Ramon N 1726 Electra Dr Johnstown PA 15904	AN
DUNN, MD, Robert E 2367 Woodcrest Dr Johnstown PA 15905	AN	ISLAMOFF, MD, Igor I 128 Walnut St Johnstown PA 15901	GS	MILLER, MD, Edwin C 621 Orchard St Portage PA 15946	OTO	RITTER, MD, Mario 307 Vine St Johnstown PA 15901	IM	TEMPLIN JR, MD, William B 300 Market St Rm 301 Johnstown PA 15901	GS
ECKELS, DO, Dennis L Rd #1 Box 79 Bolivar PA 15923	FP	KANSAGRA, MD, Jasmat N 1088 Franklin St Johnstown PA 15905	AN	MILLER, MD, James E 1 Colony Pl Dr Apt 4B Punta Gorda FL 33950	IM	ROCK, MD, James A 320 Main St Johnstown PA 15901	PTH	TOMHAVE, MD, Robert H 1111 Franklin St Johnstown PA 15905	OBG
ECKENRODE, MD, James A 105 Rachel St Johnstown PA 15904	US	KARDUCK, MD, John S 220 Main St Portage PA 15946	FP	MITAL, MD, Mohan S 909 Parkview Driva Johnstown PA 15905	IM	ROGERS, MD, George E 1766 Lytar Dr Johnstown PA 15905	FP	TORP, MD, Richard P Marcy Hospital Johnstown PA 15905	ORS
EDELSTEIN, MD, Abe J 300 Bayview Dr Apt 2010 N Miami Bch FL 33160	D	KATTER, MD, George W 803 U S Bank Bldg Johnstown PA 15901	IM	MITAL, MD, Nirmal G 909 Parkview Dr Johnstown PA 15905	R	ROGERSON, MD, David R 336 Main St Johnstown PA 15901	OTO	TREDENNICK, MD, John T Center Town Mall Johnstown PA 15901	PTH
ELLENBERGER JR, MD, Thomas R 243 Vine St Johnstown PA 15901	IM	KEVENK, MD, Kerim C 1020 Franklin St Johnstown PA 15905	R	MITCHELL, MD, Donald D 1111 Franklin St Johnstown PA 15905	OBG	ROSENBAUM, MD, Aron 506 15th St Windbar PA 15963	FP	TUKANOWICZ, MD, Stanislaw A 203 Greene St Johnstown PA 15905	NS
EPERJESSY, MD, Ernest Z 1315 Midway Windbar PA 15963	US	KIM, MD, Hwan Y 320 Main St Johnstown PA 15901	AN	MONTELEONE, MD, Paul N 755 Luzerna St Johnstown PA 15905	PTH	ROSENBERG, MD, Lawranca S 1141 Franklin St Johnstown PA 15905	PD	TURNER, MD, Verna V 417 Margaret Ave Johnstown PA 15905	FP
EVANS, MD, Hilary 320 Main St Johnstown PA 15901	PTH	KING, MD, Phillip E 2 Gardner St Johnstown PA 15905	R	MORGAN, MD, Owen K 422 Main St 202 Pk Vw Pl Johnstown PA 15901	OPH	ROSENBLATT, MD, Stanley G Xraydept 1068 Franklin S Johnstown PA 15905	R	VOYTKO, MD, Richard E Tioga St Johnstown PA 15905	FP
FEES, MD, Archibald W Bigler Ave Spangler PA 15775	FP	KIRBY, MD, Claude W 815 2nd St Cresson PA 16630	FP	MORRELL, DO, Roger W 515 Luzerne St Johnstown PA 15905	OBG	SABO, MD, Joseph R Fourth Ave Hastings PA 16646	FP	WALL, MD, Rod A 1111 Franklin St Johnstown PA 15905	IM
FIKRI, MD, Erden 353 Market St Johnstown PA 15901	GS	KITSKO, MD, William T P-60Indian Lake Rd 1 Central City PA 15926	P	MORRISON JR, MD, Ralph W 434 Grova Ave Johnstown PA 15902	FP	SAHLANEY, MD, George 109 Chandler Ave Johnstown PA 15906	OBG	WARIKOO, MD, Nanna 225 Tall Timber Dr Johnstown PA 15904	IM
FLORA, MD, William K 1136 Contar Ave Johnstown PA 15905	OTO	KLEMENS, MD, Robert F 19 Rosa St Johnstown PA 15905	IM	MOSES, MD, James M 1111 Franklin St Johnstown PA 15905	ORS	SAHLANEY, MD, William J Seward PA 15954	FP	WARIKOO, MD, Shiban K 1111 Franklin St Johnstown PA 15905	U
FRANCE, MD, Robert O Marcy Hosp-Dept Rad Johnstown PA 15905	R	KOELLER, MD, Royal R 1060 Lloyd St Nanth Glo PA 15943	FP	MOYER, MD, John H 1086 Franklin St Johnstown PA 15905	IM	SAIONTZ, MD, Howard I Lee Hosp 320 Main St Johnstown PA 15901	IM	WATTERSON, MD, Samuel G Conemaugh Vly Mem Hosp Johnstown PA 15901	FP
FREEDMAN, MD, Patar M 2 Celesta Dr Johnstown PA 15905	IM	KREGER, MD, Spancar 770 Viawmont Ave Johnstown PA 15905	P	MRKICH, MD, Robert 1530 Budfield St Johnstown PA 15904	FP	SAMIT, MD, Ali M 88 Osborne St Johnstown PA 15905	TS	WAY, MD, Georga E 769 Park Ave Johnstown PA 15902	FP
FURIGAY, MD, Rodolfo L 609 Somarsat Ave Windbar PA 15963	GS	KRESAK, MD, George F 1216 Franklin St Johnstown PA 15905	FP	MURRAY, MD, Richard C 720 S 5th Ave Patton PA 16666	FP	SCHAEFER, MD, Thomas J 1020 Franklin St #300 Johnstown PA 15905	GS	WERTZ, MD, Robert R 1111 Franklin St Johnstown PA 15905	R
FURNARY, MD, James S 1020 Franklin St Johnstown PA 15905	GS	KULKARNI, MD, Pradeap K 1026 Calvin Dr Johnstown PA 15905	OBG	MUSSIO, MD, John A 88 Osborne St Johnstown PA 15905	NS	SCHILLER, MD, Harvay J 609 Somerset Ave Windbar PA 15963	US	WHEELING, MD, George H 722 Franklin St Johnstown PA 15905	ORS
GANNON, MD, Raynaldo T 1086 Franklin St Johnstown PA 15905	AN	LANTOS, MD, Raymond J 1111 Franklin St Johnstown PA 15905	IM	NAYAK, MD, Satish R 542 Edward St Johnstown PA 15905	OBG	SCHILLI, MD, Rudolph 1111 Franklin St Johnstown PA 15905	IM	WHITE, MD, Warren F 1111 Franklin St Johnstown PA 15905	D
GO JR, MD, William C 609 Somarsat Ave Windbar PA 15963	ORS	LAWLESS, MD, David F 916 Gilda Dr Windbar PA 15963	FP	NIDO, MD, Michael P Lee Hosp Johnstown PA 15901	R	SCHROCK, MD, Laura J R D 4 Box 253 A Johnstown PA 15905	GS	WILDER, MD, David W 1271 Laurel View Dr Johnstown PA 15905	R
GOLDBLATT, MD, Sidney A 1086 Franklin St Johnstown PA 15905	PTH	LEFLER, MD, Kenneth D 132 Marshall Ave Johnstown PA 15905	FP	NORDBERG JR, MD, Robert E 200 Bigler Ave Spangler PA 15775	GS	SEEBER, MD, John J 913 St Clair Rd Johnstown PA 15901	PM	WINEY, MD, Wilfred H 1111 Franklin St Johnstown PA 15905	IM
GRADY, MD, James W 2150 Hillholth Ave Johnstown PA 15905	GS	LEWINE, MD, Yale S 1814 Manohar Blvd Johnstown PA 15905	FP	PALMER JR, MD, William E 320 Main St Johnstown PA 15901	R	SEIFERT, MD, Thomas E 353 Market St Johnstown PA 15901	OBG	WINSTANLEY, MD, Robert A 354 Pann Traffic Bldg Johnstown PA 15901	OPH
GRAY, MD, Jerry L 609 Somarsat Ave Windbar PA 15963	IM	LONGWELL JR, MD, Benton E Us Natl Bnk Bldg Rm 613 Johnstown PA 15901	FP	PANEK, MD, Bernard S 353 Market St Johnstown PA 15901	FP	SEWAK, MD, Michael E 266 Main St Conemaugh PA 15909	FP	WINT, MD, Samuel J 125 Work Dr Johnstown PA 15904	FP
GRESS, MD, Gordon A 1111 Franklin St Johnstown PA 15905	IM	LOVETTE, MD, John B 353 Market St Johnstown PA 15901	GS	PARCINSKI, DO, Richard E 1020 Franklin St Johnstown PA 15905	IM	SHARBAUGH, MD, Donald G Carrolltown PA 15722	FP	WRIGHT, MD, Rayford E 27 Riverside Dr North East MD 21901	FP
GRESS, MD, William W Box 406 Davidsville PA 15926	FP	LUND, MD, Paera C 1088 Franklin St Johnstown PA 15905	AN	PARK, MD, Nail I 609 Somarsat Ave Windbar PA 15963	OBG	SHERIDAN, DO, Joseph F 1020 Franklin St Ste 305 Johnstown PA 15905	OBG	YATES, MD, William A 2nd Fl Swank 320 Main St Johnstown PA 15901	GS

YERGER, MD, John F 2250 Menoher Blvd Johnstown PA 15905	PTH	THOMAS JR, MD, George P 72 Broadway Jim Thorpe PA 18229	FP	FERRIER, MD, Melvin C Box 446 Rd3 Philipsburg PA 16866	FP	OLNEY, MD, Franklin B 945 W Fairmount Ave State College PA 16801	R	ABERNETHY, MD, Hugh C 511 N High St West Chester PA 19380	PD
ZIMMERMAN, MD, Richard P 1111 Franklin St Johnstown PA 15905	GS	THOMAS, MD, George P 135 Lafayette Ave Palmerton PA 18071	GS	FIGLIN, DO, Joshua M 1312 E Branch Rd State College PA 16801	FP	OSBORN, MD, Ian C 1001 University Dr Ste 2 State College PA 16801	P	ABRAMS, MD, Sondra 142 Chester Ave Coatesville PA 19320	FP
CARBON									
ASO, MD, Orlando A 2710 Schoenersville Rd Bethlehem PA 18017	GS	UPANAVAGE, DO, Gene J 216 School St Jim Thorpe PA 16229	FP	FISHER, MD, John T 507 Locust Ln State College PA 16801	OPH	PALMER JR, MD, Dale H 1651 Glenwood Circle State College PA 16801	P	ADAMTHWAITE, MD, Myra E 100 First Ave Phoenixville PA 19460	IM
BALLESTAS, MD, Roberto P O Box 65 Lehighton PA 16235	ORS	VICKERS, MD, Curtis W D Flood Med Ctr Bx 37-1A White Haven PA 16661	FP	FLEAGLE, MD, Geneva S 506 Outer Dr State College PA 16801	FP	PARAGAS SR, MD, Lamberto S 616 Bayberry Dr State College PA 16801	GS	ALARCON, MD, J Edgar Chester Co Med Bldg 209 West Chester PA 19380	IM
BATCHELOR, MD, Roger P 117 Columbia Ave Palmerton PA 18071	US	VISPERAS, MD, Mario F 2nd & South Sts Lehighton PA 16235	GS	FLEAGLE, MD, Samuel B 506 Outer Dr State College PA 16801	FP	PARKS JR, MD, Lyle R 1133 S Allen St State College PA 16801	FP	ALEXANDER, MD, John D R D 3 Gum Tree Farm Coatesville PA 19320	IM
BAUTISTA, MD, Florante G R D 2 Box 207C Lehighton PA 16235	U	WEAVER, MD, Gordon D R D #1 Lehighton PA 18235	IM	FORCEY, MD, Clarke M Box 509 Philipsburg PA 16866	R	PATTISHALL JR, MD, Evan G 34 High Meadow Ln State College PA 16801	P	ALLAN, MD, Mary B Swallowtail Farm Westtown PA 19395	IM
BHE, MD, H Kwan 80 Ancinetta Dr Schnecksville PA 18076	R	WEIDAW, MD, Harold R R D 3 Temaqua PA 16252	FP	FRANCO, MD, Alexander R D 3 Bellefonte PA 16623	OBG	PEPE, MD, Peter F 3901 S Alherton St Ste 5 State College PA 16801	IM	ASPEN, MD, Nelson P 104 Paoli Mem Med Bldg Paoli PA 19301	ORS
CENTRE									
BONNER, MD, William R 3 W White St Summit Hill PA 18250	OPH	AGRA, MD, Conrado F P O Box 687 Philipsburg PA 16666	GS	GARCIA, MD, Marian 233 Easterly Pkwy State College PA 16801	US	PIATT III, MD, John E 426 S Allen St State College PA 16801	FP	ATKINSON, MD, Whittier C 824 Chestnut St Coatesville PA 19320	FP
COPE, MD, Edwin S 374 Harvard Ave Palmerton PA 18071	IM	ALLISON JR, MD, A Reid 905 Univ Dr State College PA 16801	IM	GIBBS, MD, Stephen D 1130 Haymaker Rd State College PA 16801	D	POLLOCK, MD, Joseph J 232 S Burrows St State College PA 16801	IM	BABACZ, MD, Teofil 450 Gay St Phoenixville PA 19460	OPH
DAIT, MD, Jose E 126 Meadowcrest Pk Lehighton PA 16235	U	ASKIN, MD, Stanley R 611 University Dr State College PA 16801	ORS	GRIESS, MD, Alfred H 241 E Mc Cormick Ave State College PA 16801	US	POTTER 3RD, MD, William W 211 W Beaver Ave State College PA 16801	OBG	BAMBERGER, MD, Grant W Honey Brook PA 19344	FP
DIAZ, MD, Floriel P R D 2 Lehighton PA 18235	GS	BABCOCK, MD, John R 421 N Allegheny St Bellefonte PA 16623	GS	GUILLARD, MD, Peter M Po Box 687 Philipsburg PA 18866	FP	REED, MD, Elmer M 2021 Fairwood Lane State College PA 18801	OTO	BARENBERG, MD, Paul A 12 Fox Chase Rd Malvern PA 19355	P
DIZON, MD, Gaudencio S 332-334 Center St Jim Thorpe PA 16229	FP	BAKER, MD, Roy F Madere PA 16661	FP	HALL, MD, Robert L 251 Easterly Parkway State College PA 16801	IM	REICHARD, MD, James L Kylertown PA 16647	FP	BARRY, MD, William J Chester Co Hosp Xrey Dpt West Chester PA 19380	R
DOUGHERTY, MD, Joseph J 55 E Phillips St Coaldale PA 18218	FP	BARNES, MD, William T 226 Highland Ave State College PA 16801	GS	GWIRTZ, MD, Kenneth H Penns Val Med Ctr Rd 2 Spring Mills PA 16675	FP	REIDELL, MD, John S 3901 S Atherton St Ste 6 State College PA 16801	GS	BEAUGARD, MD, Mark E 9 N Five Points Rd West Chester PA 19380	OTO
DRISCOLL, MD, Richard H Pocono Lake Preserve PA 18348	GS	BARTOS, MD, Michael R 211 W Beaver Ave State College PA 16801	P	HARGLEROAD II, MD, John A Ritenour Med Center State College PA 16801	PRM	ROBERTS JR, MD, Philip G 911 University Dr State College PA 16801	ORS	BEEKLEY, MD, William H Paoli Mem Med Bldg Paoli PA 19301	GS
EVANS, MD, John J 36 W Catawissa St Nesquehoning PA 18240	FP	BATORY, MD, Katherine H 157 W Jefferson St Philadelphia PA 19122	PD	HARRY, MD, Harriet M Box 617 State College PA 16801	FP	ROCKOWER, MD, Roger A 617 West Fairmont Ave State College PA 16801	R	BELL, MD, Gerald 206 Gay St Phoenixville PA 19460	OTO
FARR, MD, James 180 N 12th St Lehighton PA 18235	OBG	BAUMANN, MD, Brenda K R D 3 Box 233A2 Clearfield PA 16830	FP	HARVEY, MD, James S 389 Hidden Valley Dr Naples FL 33942	FP	ROGERS, MD, Hugh J 115 S Spring St Bellefonte PA 16623	FP	BELL, MD, Robert L 51 S 12th St Coatesville PA 19320	NS
FRANTZ, MD, Robert R R D 1 Box 148 Lehighton PA 18235	FP	BENSON, MD, David R 527 Willowbank Bellefonte PA 16623	FP	HARVEY, MD, William D 306 Curtis St Philipsburg PA 16866	FP	ROHRBECK, MD, Charles W 251 Easterly Pkwy State College PA 16801	OBG	BELLIS, MD, John A 1776 8th St Nw Apt 309 Winter Hvn FL 33880	FP
FRITZINGER, MD, George O P O Box 145 Lehighton PA 18235	FP	BERESNY, MD, Gerald M 611 University Dr State College PA 16801	OTO	HENDRICKS JR, MD, Gilbert L 226 Highland Ave State College PA 16801	TS	ROSCHE, MD, Jeffrey M 611 Univ Dr State College PA 16801	IM	BERNBERG, MD, Lawrence 805 Gages Ln W Chester PA 19380	AN
GOPLERUD, MD, Elizabeth J Palmerton Hosp Palmerton PA 18071	OBG	BEYER, MD, H Jeanne Box 102 Julian PA 16644	IM	HUNTER, MD, Robert J 611 University Dr State College PA 18801	OTO	SHELL, MD, Gary F 140 N Hills Place State College PA 16801	FP	BITMAN, MD, Kenneth L Paoli Mem Bldg Ste 102 Paoli PA 19301	GS
GOUW, MD, Christopher B Gnadden Huettlen Hosp Lehighton PA 18235	R	BISHOP, MD, Wayne E 611 University Dr Sute B State College PA 16801	PD	ISHLER, MD, H Richard 227 S Burrows St State College PA 16801	FP	SCHWARTZ, MD, William J 527 Willow Bank Bellefonte PA 16623	FP	BLACK, MD, Herman 1131 Uni Blvd West Silver Spg MD 20902	IM
HOUSER JR, MD, Ben P Rd #3 Tamaqua PA 16252	OPH	BLAISURE, MD, Beverly C Rd 1 Box 454 Morrisdale PA 18650	FP	KEIL, MD, Stephen M 830 Outer Dr State College PA 16801	IM	SCOTT, MD, James P P O Box 99 Philipsburg PA 16666	GS	BOCHER, MD, Jack E Marshall Rd West Chester PA 19380	ORS
HOUSER, MD, Benjamin P Box 97 Airport Dr Summerlnd Key FL 33042	OTO	BUDOVALCEV, MD, Radoslav 501 E Hamilton Ave State College PA 16801	IM	KISH, MD, Robert S 905 University Dr St College PA 16801	U	SEVICK, MD, Myron E 911 University Dr State College PA 16601	ORS	BOLLINGER, MD, James R Ste 121 Paoli Med Bldg Paoli PA 19301	U
KO, MD, Yih S Rd#5 Box 426 Lehighton PA 18235	AN	CAMPBELL JR, MD, James M 233 Easterly Parkway State College PA 16801	OPH	KOPP, MD, Nel 230 Ronen Dr State College PA 16801	PD	STEPHENS, MD, Marilyn H 1300 E Branch Rd St College PA 16801	FP	BOLSTER, MD, Richard H 1410 Russell Rd Paoli PA 19301	FP
KOHLE, MD, Sidney J 3416 Ogburn Ct Durham NC 27705	FP	CARNEY, MD, Paul L 233 Easterly Pkwy State College PA 16801	FP	KRUG, MD, Edgar S Po Box 661 Crystal River FL 32629	R	STEVENSON, MD, Susan M 805 Stratford Dr #10 St College PA 16801	PD	BOWER, MD, Robert J 2052 Waterloo Rd Berwyn PA 19312	IM
KUPP, MD, John H 338 Columbia Ave Palmerton PA 18071	OTO	CARRIER, MD, Ralph E 574 S Transit St Apt 7 Lockport NY 14094	FP	LIGHT, MD, John H 428 S Allen St State College PA 16801	IM	STEWART JR, MD, Robert E Box 118 Wallaceton PA 16676	GS	BRAY, MD, Joseph B 102 Paoli Mem Med Bldg Paoli PA 19301	OTO
LAIGON, MD, Eugene E 135 E Ridge St Coaldale PA 16216	IM	COLEMAN, MD, Ernest H 705 Sunset Rd State College PA 16601	IM	MACARANAS, MD, Renato R 305 Douglas St Philipsburg PA 18666	U	STRICKLER, MD, Jane M P O Box 59 Boalsburg PA 16627	R	BRINGHURST, MD, Louis S Box 240 Crosslands Kennett Sq PA 19346	R
LEE, MD, Chung H Box 362 Rd 5 Lehighton PA 16235	AN	CORMAN, MD, Paul M 214 N Allegheny St Bellefonte PA 16823	FP	MAGNANI, MD, Thomas J 119 Harris Dr State College PA 16801	PTH	TRINIDAD, MD, Tito B 702 Scott St Philipsburg PA 16866	IM	BROWN, MD, Nathan 701 Main St Phoenixville PA 19460	FP
LENTZ, MD, Sylvester E Rd 1 Bx 354-A Lehighton PA 16235	FP	COVEY, MD, John K 115 S Spring St Bellefonte PA 16623	OPH	MANDETTA, MD, Donald F 3901 S Atherton St Ste 5 State College PA 16801	IM	VORE, MD, Steven B R D #1 Penna Furnace PA 16865	P	BRUTON, MD, Charles W 403 E Lancaster Ave Downingtown PA 19335	US
LESHOCK, MD, Leon E 355 Columbia Ave Palmerton PA 18071	IM	COX, DO, Fred A 611 Univ Dr State College PA 18801	PD	MATEER, MD, Eugene H 245 S Burrows St State College PA 16801	IM	WENGROVITZ, MD, Paul H 251 Easterly Pkwy St College PA 16801	OBG	BURGESS, MD, Geoffrey N 10th & Olive St Coatesville PA 19320	FP
MACOM, MD, Worrie B 134 W Ridge St Lansford PA 18232	FP	CULLEN, MD, Esker W 138 E Beaver Ave State College PA 16601	GS	MAXIN, MD, Charles W 611 Univ Dr State College PA 16801	FP	WERNER, MD, David B 507 Locust Lane State College PA 16801	OPH	BURGET JR, MD, Dean E Elm Court Butler PA 18001	PS
MAROUN, MD, William J Huettlen Mem Hosp Lehighton PA 18235	R	DALE, MD, H Thompson 138 W College St State College PA 16801	FP	MAYERS JR, MD, Stanley P 646 Wiltshire Dr State College PA 16801	PRM	WEST, MD, Edward 511 N Burrows St State College PA 16801	FP	BUTLER, MD, Charles H 134 N Fourth St Coatesville PA 19320	FP
MEDINA, MD, Rodrigo D 336 Kiddie Ln Bx 66 Welnutport PA 18088	FP	DANNEKER, MD, Dale A 111 Sowers St Ste 601 St College PA 16801	GS	MCCORMICK, MD, George M 236 Old Mill Rd State College PA 16801	PD	WHITE, MD, George S 140 W High St Bellefonte PA 16823	FP	BYLER, MD, Arthur B P O Box 259 Downingtown PA 19335	FP
MONTES, MD, Manuel Y The Palmerton Hospital Palmerton PA 18071	FP	DISICK, MD, Solomon 406 S Corl St State College PA 16801	IM	MCQUIRE, MD, Richard J 251 Easterly Pkwy State College PA 16801	IM	WILD JR, MD, Robert M 905 University Dr St College PA 16801	U	BYRNE, MD, Robert N 3511 Garden Lake Dr Kingswood TX 77339	R
RAZA, MD, Hydar S 415 Mahoning St Lehighton PA 18235	GS	DIXON, MD, Richard H 3901 S Atherton St Ste 5 State College PA 16801	IM	MEBANE III, MD, Tom S 251 Easterly Pkwy State College PA 16801	OBG	WINGERT JR, MD, Charles H 1393 N Atherton St State College PA 16801	D	CAGGIANO, MD, John D Rd 4 West Chester PA 19380	ORS
SALAZAR, MD, Edgardo P 135 Lafayette Ave Palmerton PA 18071	FP	DRANOV, MD, Jonalhan 3901 S Atherton St Ste 5 State College PA 16801	IM	MEBANE, MD, Tom S 942 Robin Rd State College PA 16801	PD	WONG, MD, Ling G 522 W Beaver Ave State College PA 16801	FP	CARLOW, MD, Joseph F 404 W Union St West Chester PA 19380	FP
SNYDER, MD, Marvin C 846 Mahoning St Lehighton PA 18235	FP	DREIBELBIS, MD, William H Snow Shoe PA 16874	FP	MONTALBO, MD, Antonio A 253 Easterly Pkway State College PA 16801	OPH	YODER, MD, Stanley J 911 University Dr State College PA 16801	ORS	CHAPPELL, MD, Leslie E Box 314 Oxford MD 21654	GS
STEELE, MD, John E 2nd & South Sts Lehighton PA 18235	IM	DUNNE, MD, Gay D 137 S Pugh St State College PA 16801	D	MULHATTEN, MD, Donald E 611 University Dr State College PA 16801	FP	YOUNG, DO, William E Penns Val Area Ctr Rd 2 Spring Mills PA 16675	FP	CHIDESTER, MD, John H 6 Hayfield Dr Malvern PA 19355	ORS
TAN, MD, Lian K Palmerton Hospital Palmerton PA 18071	AN	DUNNE, MD, James H 137 S Pugh St State College PA 16801	D	NARTATEZ, MD, Pedro C 428 Sheffield St Philipsburg PA 16866	GS	ZILIOI, MD, Paul A 3901 S Atherton St State College PA 16801	PD	CHRISTIE, MD, Thomas 326 St Davids Wayne PA 19067	OS
CHESTER									
						ABBOTT, MD, Joseph L 502 E Marshall St West Chester PA 19360	OBG	CINCO, MD, Victorio B 6 Brookmaw Dr Newtown Sq PA 19073	FP
						CLARK, MD, Joseph G 712 N Walnut St West Chester PA 19380			

CLAY, MD, Bettie W G-5 Black Hawk Apts Downingtown PA 19335	IM	GIANNOPOULOS, MD, Pater H 750 Main St Phoenixville PA 19460	FP	KORBONITS, MD, Charles W 322 N High St West Chester PA 19380	OBG	ORVIS, MD, Harold H 401 W Pleasant Grove Rd West Chester PA 19380	IM	SMITH, MD, Russell C 141 Woodland Circle Downingtown PA 19335	AN
CLAYTON, MD, Richard J 300 N News St West Chester PA 19380	IM	GOEBERT, MD, Herbert W 1350 Ala Moana Apt 1111 Honolulu HI 96814	FP	KRISHNA, MD, Bhupendra Longwood Rd Kennett Square PA 19346	OTO	PARKER, MD, Albert F 130 Nutt Rd Phoenixville PA 19460	GS	SMITH, MD, Richard H 341 E Lancaster Ave Downingtown PA 19335	FP
CLAYTON, MD, Thomas D 5715 Jefferson St Philadelphia PA 19131	FP	GOLD, MD, Morrie G 602 E Marshall St West Chester PA 19380	OBG	KRISHNA, MD, Narendra 584 E Chestnut St Coatesville PA 19320	OPH	PATUKAS, MD, Peter C 10th & Olive Sts Coatesville PA 19320	FP	SOLOMON, MD, Mescy B 100 1st Ave Phoenixville PA 19460	FP
COATES JR, MD, John B 932 Valley Forge Rd Phoenixville PA 19460	FP	GOLDBERG, DO, Murray E 26 Anthony Dr West Chester PA 19380	AN	LANSING, MD, Dorothy I 20 State Rd Paoli PA 19301	OBG	PENMAN, MD, William R 20 State Rd Paoli PA 19301	OBG	SORARUF IV, MD, Louis P Kennett Med Ctr R D 2 Kennett Square PA 19346	FP
CONNAUGHTON, MD, James F 799 Gay St Phoenixville PA 19460	OBG	GOLDEN, MD, Michael F 415 East Lincoln Hwy Coatesville PA 19320	P	LATOFF, MD, Thomas J 533 E Lincoln Highway Coatesville PA 19320	GS	PLOTZKER, MD, Richard I 10th & Olive St Coatesville PA 19320	IM	SPECTOR, MD, Gus 601 Gay St Phoenixville PA 19460	U
CONNELL, MD, Janet T #5 Industrial Blvd Paoli PA 19301	P	GOLDFINE, MD, Alan 1601 Robin Rd Coatesville PA 19320	OBG	LEE, MD, Daniel Rd 1 Box 242 Coatesville PA 19320	FP	PLUMMER 3RD, MD, William 419 N Franklin St West Chester PA 19380	FP	SPECTOR, MD, Samuel S 4200 Hillcrossdr Apt 214 Hollywood FL 33021	FP
CONVERSE, MD, Allan D 321 N High St West Chester PA 19380	GS	GOLDSTEIN, MD, Norman A 606 Valley Forge Rd Phoenixville PA 19460	OTO	LEE, MD, Howard G 53 Meadowbrook La Phoenixville PA 19460	FP	POOLE, MD, Robert 419 N Franklin St West Chester PA 19380	FP	SPEIDEL, MD, Francis X 525 Lombardy Dr Draxel Hill PA 19026	EM
CUTLER, MD, Robert S 606 E Marshall St Ste 3 West Chester PA 19380	OTO	GORDON, MD, Isadore 601 Main St Phoenixville PA 19460	IM	LEMERT, MD, Michael R 799 Gay St Phoenixville PA 19460	OBG	PORTER, MD, Edgar L 350 Walnut Ave Wayne PA 19087	P	SPICER, MD, A Rosemary 340 Sharpless St W Chester PA 19380	FP
DABBACK, MD, Dewitt T 17 N 4th Ave Ryersford PA 19466	FP	GROSS, MD, Richard H Poli Mem Med Bldg Paoli PA 19301	GS	LEVIN, MD, Gary J 1500 Cardinal Dr Coatesville PA 19335	OPH	POTTER JR, MD, Howard P Mem Med Bldg Lincoln Hwy Paoli PA 19301	IM	STOKES, MD, Louis C 345 E Chestnut St Coatesville PA 19320	FP
DAMIANO, MD, Robert E 216 Church St Devon PA 19333	AN	GROSSMAN, MD, Perry 620 Valleyforge Rd Phoenixville PA 19460	PD	LEWIS, MD, Earl T Box 6299 Philadelphia PA 19101	IM	POTTS, MD, Asa W 986 E Penn Dr West Chester PA 19380	IM	STRODE, MD, Marshall D 1219 Sylvan Rd W Chester PA 19380	AN
DAVIS, MD, Toye G 205 Locust St Oxford PA 19363	FP	HANSON, MD, Teresa S R D 1 Box 254 Coatesville PA 19320	OBG	LEWIS, MD, L Clifford 421 Monument Ave Malvern PA 19355	FP	PRASAD, MD, Ajit K 10th Ave & Olive St Coatesville PA 19320	ORS	STROUD III, MD, Morris W 450 N Creek Rd Rd 1 W Chester PA 19380	IM
DECOLLI, MD, Joseph A Paoli Mem Hospital Paoli PA 19301	PTH	HARKINS, MD, Francis A 367 E Chestnut St Coatesville PA 19320	IM	LEWIS, MD, Scott B 1015 N New St West Chester PA 19380	OBG	PRATT 2ND, MD, John W 313 Chestnut St Coatesville PA 19320	GS	THAKARAR, MD, Pushpa 1230 Victoria Lane W Chester PA 19380	PM
DELLEVIGNE, MD, William M 321 N High St West Chester PA 19380	GS	HARROP, MD, Donald E 750 S Main St Phoenixville PA 19460	FP	LIMBERGER, MD, William A 301 S Church St West Chester PA 19380	IM	PRESSMAN, MD, Edmund N 1258 Lakemont Rd Villanova PA 19085	AN	THEURKAUF JR, MD, Edward A 933 Havartford Ave Bryn Mawr PA 19010	TS
DEMIRANDA, MD, Edward G Po Box 5804 Jacksonville FL 32207	AN	HARTMANN JR, MD, Richard W Box 358 Paoli PA 19301	PD	LISS, MD, Gilbert A 799 Gay St Phoenixville PA 19460	OBG	PRUTZMAN, MD, L Donald 115 W Miner St West Chester PA 19380	GS	THORNE, MD, Charles G 370 Chestnut St Coatesville PA 19320	FP
DEMPSHER, MD, John 833 Maplewood Ave Wayne PA 19087	FP	HAYMAN, MD, Harris R 122 Lancaster Ave Malvern PA 19355	IM	LOTZ, MD, Andrew J 12 Fairway Rd Paoli PA 19301	FP	RABIN, MD, Sidney C 502 E Marshall St West Chester PA 19380	OBG	TORI, MD, Joseph N Lukens Steel Co Coatesville PA 19320	OS
DEUTSCH JR, MD, E Thomas 122 Lancaster Pike Malvern PA 19355	FP	HECKER, MD, Arthur O 1661 Elk Forest Rd Elkton MD 21921	P	LOVRINIC, MD, William S 7 N Five Point Rd West Chester PA 19380	OTO	RAJAN, MD, Sanda Rd 1 Chestnut Tree Honeybrook PA 19344	GS	TOWNEND, MD, Stephen C Box 358 Paoli PA 19301	PD
DISHMAN, MD, Leonardo Coatesville Hosp Coatesville PA 19380	PTH	HEWSON, MD, William C Ashbridge St West Chester PA 19380	FP	LUCINE JR, MD, Albert A 1007 Dutton Mill Road West Chester PA 19380	OBG	REED, MD, Lols S 620 Valley Forge Rd Phoenixville PA 19460	PD	TRACHTENBERG, MD, Harry B 10th Ave & Olive St Coatesville PA 19320	GS
DONOFRIO, MD, Romeo R 325 S Broad St Kennett Square PA 19348	FP	HILLYER, MD, Peter N 204 Paoli Mem Med Bldg Paoli PA 19301	IM	LYNCH, MD, Robert E 491 Allendale Rd King Of Prussia PA 1906	R	RIDGLEY, MD, Frank H 415 N Franklin St West Chester PA 19380	GS	TRAIMAN, MD, Richard G 1104 North New St West Chester PA 19380	ORS
DOOLEY, MD, Michael B Phoenixville Hosp Phoenixville PA 19460	R	HNELESKI JR, MD, Ignatius S 845 W Chester Pike West Chester PA 19380	OPH	MALIK, MD, Khadija H 1417 Appleberry Way West Chester PA 19380	FP	ROBERTS, MD, Richmond C 400 S Main St Phoenixville PA 19460	ORS	TRUITT, MD, George W P O Box 197 Chadds Ford PA 19317	IM
DOYLE, MD, Faye R 133 Locust St Oxford PA 19363	FP	HOBERMAN, MD, Maury 931 Bridge La Rd 6 West Chester PA 19380	OTO	MARGOLIES, MD, M Price 3458 E Lincoln Hwy Thorndale PA 19372	IM	ROGERS, MD, Paul H 702 Main St Phoenixville PA 19460	IM	TUCKER, MD, Thomas W 245 New St Spring City PA 19475	FP
DOYLE, MD, Russell G 133 Locust St Oxford PA 19363	FP	HOLCOMBE JR, MD, Guy T 57 N 4th St Oxford PA 19363	FP	MARK, MD, William S Box A Paoli PA 19301	IM	ROGOWSKI, MD, Raymond A 51 Woodridge Rd Thornton PA 19373	PTH	TYSON, MD, Russell R 606 E Marshall St West Chester PA 19380	GS
DUFFY, MD, Ruth E 750 Old Lancaster Rd C101 Berwyn PA 19312	FP	HUNTER, MD, Harry H 405 Highland Ave Bx 405 Oaks PA 19456	FP	MARSH, MD, Carol L 101 Cope Rd Kennett Square PA 19346	PD	ROMINGER, MD, C Jules Miaericordia Hosp Rad Dp Philadelphia PA 19143	R	UHLMAN, MD, Richard C 139 Marshall West Chester PA 19380	U
DUNSMORE, MD, Lillian D 15 Green St Downingtown PA 19335	IM	HUR, MD, Gham 6 Michele Dr Media PA 19063	R	MAURIELLO II, MD, Alfred J 1700 Hunters Cir West Chester PA 19380	OTO	RORKE III, MD, John H 108 Chester Co Med Bldg West Chester PA 19380	N	VERNON, MD, Walter G Lukens Steel Co Coatesville PA 19320	PRM
DUNSMORE, MD, Richard A 15 Green St Downingtown PA 19335	IM	HUTCHINSON 3D, DO, Harry J 602 E Marshall St W Chester PA 19380	IM	MCCHESNEY JR, MD, Charles T 313 Chestnut St Coatesville PA 19320	GS	ROSATO, MD, Donald J 176 E Conestoga Rd Devon PA 19333	FP	VIEK, MD, Nicholas F 139 E Marshall St West Chester PA 19380	U
DURNING, MD, Clifton M R F D 2 Kennett Sq PA 19348	FP	IMPERATO, MD, Pascal J 610 Bough Rd Exton PA 19341	D	MCCLURE, MD, Carroll R 126 Royal Palm Dr Leesburg FL 32748	US	ROSENFELD, MD, Karl 17 Industrial Blvd Paoli PA 19301	ORS	VLACHOS, MD, Vasilios A Rd 4 Box 330A Boyetown PA 19512	IM
DVORKIN, MD, Daniel 231 E Lancaster Ave Downingtown PA 19335	D	JACKSON, MD, Merwin R Rid #2 Kennett Square PA 19346	OBG	MERSKY, MD, Martin R 202 Gay St Phoenixville PA 19460	IM	ROSSI JR, MD, Ralph A 1617 Williams Way West Chester PA 19380	R	WADE, MD, George R Paoli Mem Med Bldg Paoli PA 19301	US
EISNER, MD, Joel W 702 Main St Phoenixville PA 19460	R	JAHROMI, MD, Heidar K 10th And Olive Coatesville PA 19320	N	MERSON, MD, Erich R 1622 W Lynn Dr W Chester PA 19380	FP	ROTHROCK JR, MD, Henry A 1113 Queens Way West Chester PA 19380	PTH	WAGGONER, MD, Irving M 24 Wilmont Mews West Chester PA 19380	IM
EMES, MD, William R 832 Oak St Ryersford PA 19468	FP	JEFFREY, MD, Mary E Mem Hosp Roxborough Philadelphia PA 19126	R	MICHAELSON, MD, Thomas C Rd 2 Bartlett Ln Chester Sprgs PA 19425	IM	ROWGHANI, MD, Mohammad I 3521 E Lancaster Hwy Thorndale PA 19372	OBG	WALMSLEY, MD, James E 1207 Petite Terre Ct New Bern NC 28560	FP
EWING, MD, Agnew R 102 Evergreen St West Grove PA 19390	FP	JOHNSTON, MD, Thomas S 845 West Chester Pike West Chester PA 19380	OPH	MILLER, MD, Charles F 710 S Main St Phoenixville PA 19460	GS	ROWLEY, MD, Richard S 130 Nutt Rd Phoenixville PA 19460	OPH	WARREN, MD, William L 435 E Lancaster Ave Wayne PA 19087	D
FANFERA, MD, Francis J 15 Industrial Blvd Paoli PA 19301	GS	JORDAN, MD, Henry A Rd 1 Horseshoe Trail Chester Springs PA 19406	P	MINEO, MD, Cyrus L 288 Griffen St Phoenixville PA 19460	OPH	RUGGIERO, MD, Robert A 17B Industrial Blvd 103 Paoli PA 19301	ORS	WEDEEN, MD, Robert S Box 411 R D 3 Coatesville PA 19320	ORS
FAUST, MD, Herbert A Paoli Mem Med Bldg Paoli PA 19301	N	KAMINSTEIN, MD, David S 602 E Marshall St West Chester PA 19380	IM	MONASTERIO, MD, Jose R 313 Chestnut St Coatesville PA 19320	GS	RUHT, MD, Joseph C 500 Gay St Phoenixville PA 19460	GS	WELLER, MD, Russell W 1150 Lake Dr West Chester PA 19380	FP
FORD, MD, John J 305 N High St West Chester PA 19380	IM	KELLY JR, MD, Edward A 203 Louis Dr Exton PA 19341	FP	MORGAN, MD, Paul W Po Box 469 West Chester PA 19380	OPH	SCHEER, MD, R Scott High And Firestone Pottstown PA 19484	R	WHITE, MD, Jack C Memorial Med Bldg Paoli PA 19301	GS
FOXX, MD, William F 1417 Carroll Brown Way West Chester PA 19380	R	KENT, MD, Richard B 845 West Chester Pike West Chester PA 19380	OPH	MORTON JR, MD, William A 26 E Washington St West Chester PA 19380	U	SCHINDLER, MD, Peter D 813 Denton Hollow Rd West Chester PA 19380	P	WHITE, MD, Joseph G 139 E Marshall St W Chester PA 19380	U
FREEHAFFER, MD, John F Creek Rd Rd#2 Phoenixville PA 19460	IM	KERN IV, MD, George W 1154 W Chester Pike W Chester PA 19380	PD	MUNRO, MD, Ross F Elverson PA 19520	FP	SCHWARTZ, MD, Donald S 10th Ave & Olive St Coatesville PA 19320	PD	WILLENS, MD, John S Paoli Mem Hosp Paoli PA 19301	AN
FRENCH, MD, Elizabeth G Box 150 Unionville PA 19375	AN	KESTER, MD, Walter L 524 S Walnut St West Chester PA 19380	FP	MURPHY, MD, James A The Chester Co Hosp W Chester PA 19380	R	SCOTT, MD, J Clifford 297 S County Ln Rd Wayne PA 19067	P	WILLNER, MD, David L 601 Main St Phoenixville PA 19460	ORS
FRENCH, MD, Gordon N P O Box 150 Unionville PA 19375	IM	KESZELI, MD, Alexander R 510 Waidron Park Dr Havertown PA 19041	AN	MURRAY, MD, Audrey 1012 Little Shilo Rd West Chester PA 19380	US	SERVIS, MD, Allen R 710 Main St Phoenixville PA 19460	GS	WITKOWSKI, MD, Joseph L V A Hosp Coatesville PA 19320	P
FUKUI, MD, Paul T Chester Co Med Bldg West Chester PA 19380	N	KISTLER, MD, Philip E 302 N High St West Chester PA 19380	FP	MYERS, MD, Boyd C 419 W Franklin St West Chester PA 19380	FP	SHARPS, MD, Lewis S 17 B Industrial Blvd Paoli PA 19301	ORS	WOLF, MD, Charles R Chester Co Med Bldg West Chester PA 19380	ORS
GAZEK, MD, Miguel G 1253 Tanager Ln West Chester PA 19380	IM	KOEPKE, MD, Hans H 504 Jeroms Ln West Chester PA 19380	P	NAEGLE, MD, Matthew B Tinkerhill Rd Rd#2 Phoenixville PA 19460	R	SILVERIO, MD, John Box 8299 Philadelphia PA 19101	PD	WOLK, MD, Thomas A 620 Valley Forge Rd Phoenixville PA 19460	PD
GEMIL, MD, Corazon G 602 E Marshall St W Chester PA 19380	OBG	KOLTER, MD, James S 799 Gay St Phoenixville PA 19460	OBG	NICHINI, MD, Franco M 24 Rabbit Run Rd Malvern PA 19355	R	SINGH, MD, Harcharan Vs Med Cntr Dapt Of Oph Alexandria LA 71301	PTH	WRIGHT, MD, Eleanor R 1661 Elk Forest Rd Elkton MD 21921	P

YOXTHEIMER, MD, Robert L East Phillip Dr Phoenixville PA 19480	GS	BORON, MD, Robert J 127 W Pauline Dr Clearfield PA 16830	R	LYTLE, MD, Larry H Po Box 790 Lock Haven PA 17745	GS	KULBASKI, MD, Frank E 25 Mary St Aahley PA 16706	R	DEININGER, MD, Arthur G 390 Park Ave Meadville PA 16335	IM
ZELLER, MD, Erwin R Coateville Va Med Ctr Coateville PA 19320	R	BOYKIWI, MD, Russell A 115 E Cherry St Clearfield PA 16830	FP	MCDONOUGH, MD, Gerard F 209 Water St Lock Haven PA 17745	IM	KUPREVICH, DO, William J Penn&Glenn Ave Bloomsburg PA 17615	FP	DEKRUIF, MD, Hendrik 505 Poplar St Meadville PA 16335	IM
CLARION									
AMADIO, DO, Angelo E P O Box 25 Fryburg PA 16326	FP	CORCINO JR, MD, Baltazar L 1306 Joseph Rd Clearfield PA 16830	IM	MCKEOWN, MD, Henry G 243 6th St Renovo PA 17764	FP	MANUEL, MD, Laureano M 534 E 11th St Berwick PA 16603	IM	DUNN, MD, David W 764 Kennedy St Meadville PA 16335	FP
BHATNAGAR, MD, Yudhiahter M 122 Hospital Ave Dubois PA 15801	OBG	COVALLA, MD, George C 807 Turnpike Ave Clearfield PA 16830	IM	MOLLER, MD, George A 29 Hemlock Rd Lock Haven PA 17745	R	MARTIN, MD, John C Bloomsburg Hosp Bloomsburg PA 17615	PTH	EWING, MD, Fred L 203 Meadow St Meadville PA 16335	AN
BROOKS, DO, Frank J 180 Greenville Ave Clarion PA 16214	FP	COVALLA, MD, John R 807 Turnpike Ave Clearfield PA 16830	IM	NICKLAS, MD, Gilbert L Central Ave Avia PA 17721	FP	MELDRUM, MD, Robert W E 5th & Park St Bloomsburg PA 17615	FP	FARMATI, MD, Oscar Spencer Hospital Meadville PA 16335	AN
BROOKS, DO, John E 180 Greenville Ave Clarion PA 16214	AN	DOTSEY, MD, Michael T 807 Turnpike Ave Clearfield PA 16830	GS	PARKER, DO, Frank W Box 748 Lock Haven PA 17745	FP	ORAM, MD, Alan J 400 E 6th St Berwick PA 16603	OPH	FERER, MD, Walter C 857 Dean Ave Meadville PA 16335	OPH
BROOKS, DO, John M 180 Greenville Ave Clarion PA 16214	FP	ERHARD, MD, Elmo E 6048 Pinebrook Dr Boca Raton FL 33432	GS	PEARSON, MD, Harold W 24 Cree Dr Lock Haven PA 17745	ORS	PATRICK, MD, Thomas E 210 E Main St Millville PA 18631	FP	FINE, MD, Edward M 764 Kennedy St Meadville PA 16335	FP
CHRISTY, MD, Michael G P O Box 151 Woodstock VA 22664	GS	GILMORE, MD, Frederick R 807 Turnpike Ave Clearfield PA 16830	R	ROMEO, MD, Victoria J 200 S Jones St Lock Haven PA 17745	FP	PRATT, MD, Russell J 211 Main St Catawissa PA 17620	FP	FISHER, MD, William K 729 Maple St Meadville PA 16335	OTO
CLARK, MD, Lawrence M 137 W Main St Clarion PA 16214	GS	HIPOLITO, MD, Aurora T Po Box 127 Clearfield PA 16830	IM	THOMAS JR, MD, David W 112 W Main St Lock Haven PA 17745	GS	REESE, MD, Fred W 404 Market St Bloomsburg PA 17615	FP	GOMEZ, MD, Luis L 869 Diamond Park Meadville PA 16335	FP
CLARK, MD, Sandra M 137 W Main St Clarion PA 16214	FP	HIPOLITO, MD, Emealo A Po Box 127 Clearfield PA 16830	AN	TREIRES, MD, George J 9 W Church St Lock Haven PA 17745	FP	REYAK, DO, David J 101 N Market St Bloomsburg PA 17615	FP	GOOD, MD, R Duane Rd 3 Box 538 Conneaut Lake PA 16316	FP
CONNOR, MD, Susan A Holiday Inn Brookville PA 15825	FP	HUGHES, MD, Roger L Box 247 Clearfield PA 16830	FP	COLUMBIA					
CORBETT, DO, Lawrence E Main St Shipperville PA 16254	FP	KENNARD, MD, John F P O Box 1088 Clearfield PA 16830	PTH	ALAGIRISWAMI, MD, Kriahneawami, 552 E 10th St Berwick PA 16603	PD	RINGAWA, MD, Peter E 145 Friar Rd Bloomsburg PA 17615	R	GUANZON, MD, Danilo L 764 Kennedy St Meadville PA 16335	U
COULTER, MD, Clinton R Box 354 Parker PA 16049	FP	LUGUE JR, MD, Amado B 211 Ogden Ave Clearfield PA 16830	ORS	ALLEY, MD, Ali A 109 Mulberry Berwick PA 16603	FP	ROSKA, MD, Joac C Bloomsburg Hoap Bloomsburg PA 17615	R	HALL, MD, Jack R 227 Maonic Bldg Meadville PA 16335	FP
DORTORT, DO, Arthur J Rd 3 New Bethlehem PA 16242	FP	LUGUE, MD, Carmela S 914 South 2nd St Clearfield PA 16830	PD	ALMASHAT, MD, Ala A 531 E Front St Berwick PA 16603	GS	ROSS, MD, Joseph V 1215 E Front St Berwick PA 16603	OPH	HAMSHER, MD, James R 766 Liberty St Meadville PA 16335	ORS
ERICKSON, MD, Ray B 2655 Calle Del Oro Dr La Jolla CA 92037	OS	LUNA, MD, Fredeavinda Rd 3 Lawrence Twp Clearfield PA 16830	PD	AVENIA, MD, Ronald J Bloomsburg Hosp Bloomsburg PA 17615	OPH	ROWLAND, MD, George A Box 117 Millville PA 17846	FP	HAZEN, MD, S Frank 208 Devore Dr Meadville PA 16335	OPH
GRIFITH, DO, Paul L 713 Wood St Clarion PA 16214	FP	LUNA, MD, Roberto S Rd 3 Lawrence Twp Clearfield PA 16830	OBG	BALDIA, MD, Liveo B C/O Berwick Hoap Berwick PA 16603	GS	SIEGEL, MD, Robert A 10 Penn St Bloomsburg PA 17615	OBG	HENDRICKS, MD, Robert T 773 N Main St Meadville PA 16335	GS
HIPPS, MD, John G Marienville Med Ctr Marienville PA 16239	PRM	MALDONADO, MD, Benjamin A 807 Turnpike Ave Clearfield PA 16830	OBG	BITTENBENDER, MD, Joseph Box 133 Rd 3 Shickahinny PA 18655	N	STEVENS, MD, Grant G 701 E Front St Berwick PA 16603	PD	HIBBARD, MD, Alanaon O 638 Park Ave Meadville PA 16335	PRM
HUSTON, MD, Charlea C Main St Knox PA 16232	FP	MCCLURE, MD, Dorothea F Clearfield Hoap Clearfield PA 16830	PTH	CAMPBELL, MD, David R 1741 Fowler Ave Berwick PA 16603	US	SZABO, MD, Ferdinand F 1505 Laurel Dr Berwick PA 16603	GS	HOLLAND JR, MD, William T 699 Grove St Meadville PA 16335	OPH
KETNER, DO, William A 21 S 7th Ave Clarion PA 16214	FP	MURPHY, MD, James H 442 State St Curwensville PA 16833	FP	CAMPBELL, MD, Erneat W 3119 Old Berwick Rd Bloomsburg PA 17615	FP	SZABO, MD, Rudolph G 303 Mulberry St Berwick PA 16603	FP	KELLOGG, MD, Ronald A 764 Kennedy St Meadville PA 16335	FP
KOENIG, MD, Theodore R Box T Knox PA 16232	FP	PEASE, MD, Fred 10904 Bamedale Dr Adelphi MD 20783	OBG	CAMPBELL, MD, Robert J 1701 Fowler Ave Berwick PA 16603	FP	TANRIBILIR, MD, Abdul K 600 E 16th St Berwick PA 16603	IM	KIRKPATRICK JR, MD, David D 279 Walnut St Meadville PA 16335	IM
KUTZ, MD, Charlea M 395 Main St Brookville PA 15825	GS	POLINTAN, MD, Rodolfo S 807 Turnpike Ave Clearfield PA 16830	ORS	CHOPRA, MD, Raj P 326 Market St Bloomsburg PA 17615	U	TSOUTSOPLIDES, MD, George C 1801 Mulberry St Berwick PA 16603	OBG	KIRKPATRICK, MD, Robert L 1056 S Main St Meadville PA 16335	GS
LYNCH, DO, William J South Main St Brookville PA 15825	FP	YINGLING, MD, Nathaniel D 1212 Turnpike Extension Clearfield PA 16830	GS	CLARK, MD, Grant C Po Box 390 Benton PA 17614	FP	TURNER, MD, Wayne E Po Box 774 Conyngham PA 16219	OTO	LEE, MD, Seung Chan Rd #9 Kennedy Hill Meadville PA 16335	AN
MARGUGLIO, DO, A Eugene Rimeraburg Med Ctr Rimeraburg PA 16248	FP	CLINTON							
MCKINLEY, MD, William M 395 Main St Brookville PA 15825	GS	ADAMS, MD, William R 262 Hogan Blvd Mill Hall PA 17751	FP	CLEAVER, MD, Clarence P 250 Main St Catawissa PA 17620	FP	WINSKI, MD, Leonard A Millville PA 17846	FP	LEWIS, MD, Paul M 525 Glen Arden Dr Pittsburgh PA 15208	PTH
MCNEAL, DO, William C Rd 3 New Bethlehem PA 16242	FP	ADVINCULA, MD, Rialito B 405 Irwin Street Lock Haven PA 17745	FP	CORSON, MD, Thomas C 10 Penn St Bloomsburg PA 17615	OBG	WITT, MD, D Erneat 5th And Park Sta Bloomsburg PA 17615	FP	MANNING, MD, Harry J Spencer Hoap Meadville PA 16335	R
MILLER, MD, David L 239 Broad St New Bethlehem PA 16242	FP	BECKLEY, MD, Robert F Top Oausnet Pinea Lock Haven PA 17745	R	CORTEZA, MD, Benjamin A Rd 5 Highland Dr Bloomsburg PA 17615	IM	WRIGHT, MD, William C Penn St & Glenn Ave Bloomsburg PA 17615	GS	MARTIN, MD, James W Water St Conneaut Lake PA 16316	FP
NABATCHI, MD, Ahmad Brookville Hoap Brookville PA 15825	IM	BRANDT, MD, John P 947 Bellefonte Ave Box 9 Lock Haven PA 17745	OPH	CRETELLA, MD, Thomas S 301 E Front St Berwick PA 16603	FP	YOST, MD, Charles S 5th And Park Sts Bloomsburg PA 17615	FP	MCLAMB, MD, James R 766 Liberty St Meadville PA 16335	ORS
PRUSAKOWSKI, DO, Joseph M South Main St Brookville PA 15825	FP	BRICKLEY, MD, Kenneth S 35 W Main St Lock Haven PA 17745	FP	DELP, MD, Richard U 3119 Old Berwick Rd Bloomsburg PA 17615	FP	CRAWFORD			
REDDY, MD, Jaiveer T Brookville Hoap Brookville PA 15825	U	BROWN, MD, John L 312 N Grove St Lock Haven PA 17745	FP	ECKEL, MD, Timothy B 1410 Bloom Rd Danville PA 17621	FP	ASLAM, MD, Azar 764 Kennedy St Meadville PA 16335	GS	NESBITT, MD, John B 279 Walnut St Meadville PA 16335	IM
STAHLMAN, MD, Frederick B 72 S 4th Ave Clarion PA 16214	FP	CRISANTI, MD, John W Po Box 707 Lock Haven PA 17745	FP	FEAR, MD, Jease G 1105 Market St Berwick PA 16603	FP	BAILEY JR, MD, John H 968 S Main St Meadville PA 16335	IM	ORDINARIO JR, MD, Vicente R 3rd St Conneaut Lake PA 16316	R
VARNER, MD, Lewia R Box 158 Sligo PA 16255	FP	DELGRIPPO, MD, Gerard A 7 E Water St Lock Haven PA 17745	GS	FERRIGNO JR, MD, Carmen J Berwick Hoap Berwick PA 16603	R	BATES, MD, Richard L 646 Park Ave Meadville PA 16335	FP	OWENS, DO, Edward J 116 Railroad St Cambridge Spga PA 16403	FP
WALLIA, MD, Tegendra S 138 Merle St Clarion PA 16214	IM	DICUCCIO, MD, Nicholas W 6 Hemlock Dr Lock Haven PA 17745	GS	FUNKE, MD, Alvin H 800 E Third St Bloomsburg PA 17615	U	BAZYLAK, MD, Robert A 118 Railroad St Cambridge Spga PA 16403	FP	PAGNIELLO, MD, Lucia 786 Park Ave Meadville PA 16335	FP
WONG, MD, Hon-Yuen 1302 E Main St Clarion PA 16214	FP	DOLAN III, MD, James J Rd #2 Box #81 Mill Hall PA 17751	OS	GEGWICH, MD, Frank 1303 Market St Berwick PA 16603	IM	BROOKS, MD, Gerald M 403 Euclid Ave Saegertown PA 16433	FP	PIROCH, MD, Joseph G Rd 4 Brooks Rd Meadville PA 16335	IM
CLEARFIELD									
ARNOLD, MD, John J Curwensville PA 16833	FP	DREWEY, MD, Robert E Main St Beach Creek PA 16622	FP	GEGWICH, MD, Joseph F 1303 Market St Berwick PA 16603	GS	BURKHOLDER, MD, James H Rd #2 Round Rd Meadville PA 16335	FP	PONGSOMBOON, MD, Chavalit 481 Pine St Meadville PA 16335	U
AUGHINBAUGH, MD, Thomas H 507 Ogden Ave Clearfield PA 16830	FP	DWYER JR, MD, Frank P 165 Sixth St Renovo PA 17764	OTO	GORMLEY, MD, James B 835 E 3rd St Berwick PA 16603	FP	CHALLENGER, MD, Robert C 580 Chestnut St Meadville PA 16335	PTH	POUX, MD, Paul T Guya Mills PA 18327	FP
BACHARACH, MD, Herbert J 1212 Turnpike Ave Clearfield PA 16830	OPH	HEID, MD, Charlea E Box 16B Island Route Lock Haven PA 17745	IM	HARASYM JR, MD, Emil L Glenn St & Penn Ave Bloomsburg PA 17615	GS	CHOI, MD, Kwang Y 505 Poplar St Meadville PA 16335	PD	SAAVEDRA, MD, Diogenea A 664 Highland Ave Meadville PA 16335	GS
BAUMANN, MD, Thomas L 707 Turnpike Ave Clearfield PA 16830	IM	HOBERMAN, MD, Edward P O Box 26 Lock Haven PA 17745	GS	HUNTER, MD, Robert G 701 E 16th St Berwick PA 16603	PTH	CONNOR, MD, Edward H 444 Chestnut St Morgantown WV 26505	FP	SALERNO, MD, James G 505 Poplar St Meadville PA 16335	OBG
BELL, MD, Thomas G 105 S 2nd St Clearfield PA 16830	IM	LONG JR, MD, William C 53 W Main St Lock Haven PA 17745	FP	IREY JR, MD, Philip M 904 Market St Bloomsburg PA 17615	IM	CORTES JR, MD, Candido T 505 Poplar St Meadville PA 16335	GS	SANTORA, MD, Robert A 505 Poplar St Meadville PA 16335	OPH
				KLEIN, MD, Robert 229 Market St Bloomsburg PA 17615	FP	DAVIS, MD, John C 764 Kennedy St Meadville PA 16335	FP	SARAIN, MD, Antonio N Franklin St Lineaville PA 16424	FP
				KNEPLEY, MD, David W 110 Robin Ln Bloomsburg PA 17615	R	DEAN, MD, Vernon E 133 Park Ave Meadville PA 16335	FP	SMART, MD, Lawaon C 766 Liberty St Meadville PA 16335	ORS

TAYLOR JR, MD, John O 643 Park Avenue Meadville PA 16335	GS	HOERNER, MD, Oscar G 400 W Mein St Mechanicsburg PA 17055	FP	WISS, MD, Reymond J 800 Belvedere St Carlisle PA 17013	OTO	BENTZ, MD, Relp A 690 Poplar Ch Rd Ste 503 Camp Hill PA 17011	NS	BUSH, MD, William B 5100 Lancaster St Harrisburg PA 17111	IM
THOMAS, MD, Christopher W 244 Jefferson St Meadville PA 16335	IM	HOLLEN, MD, Robert A 850 Walnut Bottom Rd Carlisle PA 17013	FP	YEAGER, MD, James P 2 Mayfield Rd Mechanicsburg PA 17055	FP	BERGER, MD, Merk 4341 Union Deposit Rd Harrisburg PA 17111	IM	BUXTON JR, MD, Donald R 1501 N Front St Harrisburg PA 17102	R
TRANSUE, MD, Sewerd M Cutter Rd Rd 4 Meadville PA 16335	P	HOLTRY, SEC, Sherry Carlisle Hosp Med Off Carlisle PA 17013	US	DAUPHIN					OBG
WULFMAN, MD, William A Rd 6 Meadville PA 16335	R	HOUGH, MD, Rodney K 650 Walnut Bottom Carlisle PA 17013	FP	ABER, MD, Robert C Hershey Med Ctr Hershey PA 17033	IM	BERKHEIMER, MD, George A 925 N Front St Apt 4A Harrisburg PA 17102	ORS	BYRNE, MD, William E 2421 Jerico Dr Harrisburg PA 17110	PD
ZEHNER, MD, Luther R 675 Dimond Park Meadville PA 16335	GS	JOHNSTON 3RD, MD, James R 650 Walnut Bottom Rd Carlisle PA 17013	GS	ABT, MD, Arthur B Milton S Hershey Med Ctr Hershey PA 17033	PTH	BERKHEIMER, MD, Perk 2150 Sw 10 Ct Delrey Bch FL 33445	US	CAGGIANO, MD, Jemee F 117 Andree Rd Cheltenham PA 19012	PD
ZINNAMOSCA, DO, John B 505 Poplar St Meadville PA 16335	FP	JURGENSEN, MD, John C 650 Walnut Bottom Rd Carlisle PA 17013	IM	ADAMS, MD, D Leslie 49 Golfview Rd Camp Hill PA 17011	OBG	BERKHEISER, MD, Samuel W Polyclinic Hosp Harrisburg PA 17105	PTH	CAHILL, MD, James D 4339 Union Deposit Rd Harrisburg PA 17111	OBG
CUMBERLAND									
ARMSTRONG, MD, Thomas S 64 S West St Carlisle PA 17013	ORS	KEITHAN, MD, John F Dunham Army Clinic Carlisle PA 17013	GS	ALBRIGHT 3RD, MD, William J 225 Broad St Highspire PA 17034	FP	BESSELMAN, MD, David M 4601 Devonshire Rd Harrisburg PA 17109	PD	CAMERON, MD, Doneld D Hershey Med Ctr Hershey PA 17033	R
ARORA, MD, Ramesh 515 Springhouse Rd Camp Hill PA 17011	EM	KOVACS, MD, Doneld J Rd 2 Boiling Springs PA 17007	FP	ALLEN, MD, Richard 4601 Devonshire Rd Harrisburg PA 17109	PD	BIEBUYCK, MD, Julien F Hershey Med Ctr An Dpt Hershey PA 17033	AN	CAMPBELL, MD, William J 617 Sendre Ave Harrisburg PA 17109	D
BEACHY, MD, Ivan E 616 Belvedere St Carlisle PA 17013	OBG	KRETZING, MD, Herold G 650 Walnut Bottom Rd Carlisle PA 17013	FP	ALLYN, MD, Russell E 803 N 2D St Harrisburg PA 17102	U	BIER, MD, John W 609 Conodoguinet Dr Camp Hill PA 17011	AN	CARR, MD, William F 4233 Elmerton Ave Harrisburg PA 17109	OBG
BEACHY, MD, Stanley C 616 Belvedere St Carlisle PA 17013	OBG	LENTON, MD, Herbert P 10 W Pomret St Carlisle PA 17013	IM	ALTAKER, MD, Lawrence L 612 Conodoguinet Dr Camp Hill PA 17011	P	BITNER, MD, Weller P 1095 Cocklin St Mechanicsburg PA 17055	AN	CARY, MD, Gene L Briercrest Sq Offe 19A Hershey PA 17033	P
BLACKSMITH JR, MD, Gary L 220 Wilson St Ste #204 Carlisle PA 17013	FP	LEWIS, MD, Gregory L 220 Wilson St Carlisle PA 17013	IM	ALTHOUSE JR, MD, Lemuel B 25 W Main St Shiremanstown PA 17011	IM	BOAL, MD, Danielle K 604 Riverview Rd Lemoyne PA 17043	R	CASAL, MD, Rolendo A 209 Glenside Ave Camp Hill PA 17011	GS
BRANSCUM, MD, George P 850 Walnut Bottom Rd Carlisle PA 17013	FP	LINE, MD, Dennis E 650 Walnut Btm Rd Carlisle PA 17013	IM	ALVEAR, MD, Domingo T Rd #4 Mechanicsburg PA 17055	GS	BOAL, MD, Richard J 804 Riverview Rd Lemoyne PA 17043	R	CASSEL, MD, R Douglas Perkside & Royel Ave Hummelstown PA 17036	GS
BRAZEL, MD, Joseph F 220 Wilson St Carlisle PA 17013	IM	LOEFFLER JR, MD, John G 650 Belvedere St Carlisle PA 17013	PD	AMUSO, MD, Samuel J 2800 Green St Harrisburg PA 17110	AN	BONAFEDE, MD, Peter L 3525 Walnut St Harrisburg PA 17109	ORS	CHAPMAN, MD, Albert L 20 W Lawn Circle Wormleysburg PA 17043	PRM
BRYAN, MD, Frank S 650 Walnut Bottom Rd Carlisle PA 17013	ORS	LOH, MD, Charles K Po Box 310 Carlisle PA 17013	R	ANDERSON, MD, Julius H 3005 N 6th St Harrisburg PA 17110	ORS	BOWDITCH, MD, Robert R 4341 Union Deposit Rd Harrisburg PA 17111	FP	CHEZ, MD, Ronel A Hershey Med Ctr Obg Dpt Hershey PA 17033	AN
BRYANT, MD, David W 650 Walnut Bottom Rd Carlisle PA 17013	GS	MARTIN, MD, Gerald B 514 Mill Rece Rd Carlisle PA 17013	OBG	ANDERSON, MD, William M Harrisburg Hosp Harrisburg PA 17101	P	BOWER, MD, Henry B 2561 N 6th St Harrisburg PA 17110	U	CHO, MD, Jay J 4950 Wilson Lane Mechanicsburg PA 17055	OBG
CAREY, MD, Philip D 650 Walnut Bottom Rd Carlisle PA 17013	IM	MASLAND, MD, David S 220 Wilson St Carlisle PA 17013	IM	ANDREWS, MD, A Thomas Harrisburg Hosp Harrisburg PA 17101	IM	BOWMAN JR, MD, Thomas E 2620 Arcone Rd Mechanicsburg PA 17055	IM	CHOTINER, MD, Bennett 3601 N Progress Ave Harrisburg PA 17110	OPH
CASTRINA JR, MD, Frank P 220 Wilson St Carlisle PA 17013	IM	MCCONAGHIE, MD, Robert J Carlisle Hosp Carlisle PA 17013	PTH	ANDREWS, MD, Percy J 3600 Logan St A-2 Camp Hill PA 17011	FP	BOWMAN, MD, Herbert S 96 Carol Pl New Cumberland PA 17070	GS	CHUNG, MD, Chan K Hershey Med Ctr Red Hershey PA 17033	R
COLLURA, MD, Paul T 250 College Ave Box 3509 Lancaster PA 17804	R	MIRA, MD, Allan J 220 Wilson St Ste 206 Carlisle PA 17013	ORS	ANKER, MD, Peter M 2606 Green St Harrisburg PA 17110	OPH	BRAY, MD, John S 2645 N 3rd St Ste 490 Harrisburg PA 17110	IM	CINCOTTA, MD, Joseph A Rd #2 Dillsburg PA 17019	FP
COOKE, MD, Nore 60 N East St Carlisle PA 17013	PD	MIRA, MD, John F 6 South Hanover St Carlisle PA 17013	P	ARNOLD, MD, Gordon C 690 Poplar Ch Rd 501 Camp Hill PA 17011	GS	BRENNAN, MD, Robert W 500 University Dr Hershey PA 17033	IM	CINCOTTA, MD, Janet F Rd #2 Dillsburg PA 17019	FP
COX, MD, Paul A 313 S Hanover St Carlisle PA 17013	OPH	MONTELLO, MD, Joen M 220 Wilson St Carlisle PA 17013	PD	AZIZKHAN, MD, Reza G Eppley Rd R D 2 Mechanicsburg PA 17055	GS	BRENNER, MD, Louis O 2223 N Second St Harrisburg PA 17110	IM	CLADEL, MD, Charles E Rd #2 Box 160-A Hummelstown PA 17036	P
DAGEN, MD, J Edward 650 Walnut Bottom Rd Carlisle PA 17013	U	PERLMAN, MD, Herbert C 1104 Fleetwood Dr Carlisle PA 17013	R	BACKENSTOSE, MD, Daniel L 216 W Governor Ave Hershey PA 17033	FP	BRICKNELL, MD, Paul P 46 Boxwood Drive Hershey PA 17033	N	CLAYTON JR, MD, Samuel T 4794 Sweet Brier Dr Harrisburg PA 17111	FP
DAVIS, MD, H Robert 112 4th St Boiling Spgs PA 17007	FP	RAND, MD, Emmett G 55 N West St Carlisle PA 17013	IM	BALKANY, MD, Andrew F P O Box 456 Camp Hill PA 17011	PRM	BRIER, MD, Peter M 1106 Carlisle Rd Camp Hill PA 17011	IM	COHEN, MD, Ian T Hershey Med Ctr Div Pd Hershey PA 17033	PD
DEMUTH JR, MD, William E M S Hershey Med Ctr Hershey PA 17033	TS	RANKIN, MD, Larry S 1115 Fleetwood Dr Carlisle PA 17013	IM	BALLANTINE, MD, Thomas V Hershey Med Ctr Pd Surg Hershey PA 17033	GS	BROCK, MD, Richard R Polyclinic Hosp Harrisburg PA 17105	AN	COHN, MD, Burton H 690 Poplr Crch Rd 106 Camp Hill PA 17011	OTO
EHLY, MD, George W R D 1 East Berlin PA 17316	FP	ROE, MD, Hens S Po Box 310 Carlisle PA 17013	AN	BALSBAUGH, MD, George T 2310 William View Dr Harrisburg PA 17112	R	BRONFMAN, MD, Howard J 2603 Crenberry Circle Harrisburg PA 17110	IM	COLDREN, MD, Robert L 2645 N 3rd St Rm 150 Harrisburg PA 17110	PD
EVANS, MD, David B 650 Walnut Bottom Rd Carlisle PA 17013	OBG	ROEDER, MD, Doneld K 650 Walnut Bottom Rd Carlisle PA 17013	TS	BALTZ, MD, Richard D 3026 Market St Camp Hill PA 17011	PD	BROOKS, MD, Herry R 541 Bridge St New Cumberland PA 17070	R	COLE, MD, Sherwood A 789 Poplar Church Rd Camp Hill PA 17011	U
FRITCHLEY, MD, Rodney B 650 Walnut Bottom Rd Carlisle PA 17013	GS	ROYAL, MD, David R Po Box 310 Carlisle PA 17013	R	BANK, MD, R Stanley 2610 Green St Harrisburg PA 17110	IM	BROWN, MD, Richard A 1606 N 6th St Harrisburg PA 17102	R	COLEMAN JR, MD, Ernest H 4000 Market St Camp Hill PA 17011	OPH
GORSKY, MD, Benjamin H 246 Parker St Carlisle PA 17013	AN	SCHLANSKY, MD, Ronel M Carlisle Hosp Med Arts Carlisle PA 17013	IM	BANOGON, MD, Merietta A 4339 Union Deposit Rd Harrisburg PA 17111	OBG	BRUBAKER, MD, Warren W Hershey Foods Corp Hershey PA 17033	OBG	COLLER, MD, Daniel H 16 George Circle Mechanicsburg PA 17055	US
GRAHAM III, MD, William P Rd 9 Box 50 Mechanicsburg PA 17055	PS	SHELLEY, MD, William L 804 Belvedere St Carlisle PA 17013	GS	BANZHOF, MD, Gordon K 113 Locust St Harrisburg PA 17101	OBG	BRYAN, MD, Thomas M 1405 Queit Hollow Rd Harrisburg PA 17112	FP	CONNER, MD, Kenneth B 426 Cendlewyc Rd Camp Hill PA 17011	IM
GREEN 3RD, MD, Joseph E 650 Walnut Bottom Rd Carlisle PA 17013	IM	SHORT, MD, William J Rd 1 Box 66 Newville PA 17241	FP	BARNOSKI, MD, John F 600 Vine St Middletown PA 17057	FP	BUCHANAN, MD, James R Rd #1 Box 286-A Hummelstown PA 17036	FP	CONRAD, MD, Doneld C 116 Spruce St Middletown PA 17057	FP
GREEN, MD, Joseph E 274 Wilson St Carlisle PA 17013	FP	SMITH, MD, James M Carlisle Hosp Carlisle PA 17013	PTH	BARTLETT, MD, Glen S Hershey Med Ctr Hershey PA 17033	PD	BUCHER, MD, Albert H 2201 Market St Harrisburg PA 17103	ORS	CORSON, MD, Geoffrey A 2634 N 3rd St Harrisburg PA 17110	GS
GREEN, MD, Thomas J 220 Wilson St Ste 104 Carlisle PA 17013	ORS	THOMPSON, MD, David I 650 Belvedere St Carlisle PA 17013	PD	BATTISTA, MD, Frank J Hershey Med Ctr Hershey PA 17033	FP	BUCKINGHAM, MD, Robert C 4916 Locust Lane Harrisburg PA 17109	FP	COWLEY, MD, Allen W 21 Pleza Pl 425 N 21st Camp Hill PA 17011	IM
GUISTWITE, MD, Kenneth R 8 Cumberland Dr Carlisle PA 17013	US	THOMPSON, MD, Robert L 220 Wilson St Carlisle PA 17013	OPH	BAUM, MD, Sheldon Hershey Mc Div N M Hershey PA 17033	R	BURNS, MD, William T 1080-5 Union Deposit Ctr Harrisburg PA 17111	GS	CRISPEN, MD, James F 4300 Valleyview Rd Harrisburg PA 17112	FP
HALL II, MD, Robert F 161 Cendlelite Dr Carlisle PA 17016	R	TOWNSEND, MD, Jay A 100 S High St Newville PA 17241	US	BEALE, MD, Benjamin R 225 Hummel Ave Lemoyne PA 17043	FP	BURGIN, MD, Welter H 15 Cedar Cliff Dr Camp Hill PA 17011	ORS	CRISPINO, MD, Richard D 2337 N 3rd St Harrisburg PA 17110	OBG
HANLON, MD, John J 400 W Mein St Mechanicsburg PA 17055	FP	URBAN, MD, Doneld G 1156 S View Cape Scleir Annapolis MD 21401	FP	BECK, MD, Gunther M R D 1 Dauph Riverroed Dauphin PA 17018	U	BURNSIDE, MD, John W Ms Hershey Med Ctr Hershey PA 17033	FP	CRIST, MD, Guy C 4322 Crestview Rd Harrisburg PA 17112	CRS
HARTZEL, MD, David L 850 Walnut Bottom Rd Carlisle PA 17013	OPH	WAGNER, MD, Richard S Rd #5 Box 271 Carlisle PA 17013	P	BEITTEL JR, MD, Charles R 2814 Green St Harrisburg PA 17110	OBG	BUCKINGHAM, MD, Robert C 4916 Locust Lane Harrisburg PA 17109	FP	CROTEAU, MD, J Russell 1501 N Front St Harrisburg PA 17102	R
HAYS, MD, E Blaine 900 Glendale Ct Carlisle PA 17013	OBG	WEST, MD, William J 850 Walnut Bottom Rd Carlisle PA 17013	OBG	BELLINGER, MD, Merk F Hershey Med Ctr Urol Div Hershey PA 17033	FP	BURNSIDE, MD, John W Ms Hershey Med Ctr Hershey PA 17033	OBG	CRUMAY, MD, Hugh M 104 Erford Rd Camp Hill PA 17011	D
HERSPERGER, MD, Webb S 650 Walnut Bottom Rd Carlisle PA 17013	OTO	WHITCOMB, MD, Luther M Po Box 310 Carlisle PA 17013	FP	BENTZ, MD, Micheel S M S Hershey Med Ctr Hershey PA 17033	PTH	BURNSIDE, MD, John W Ms Hershey Med Ctr Hershey PA 17033	IM	CURRY, MD, Samuel O 2324 Market St Camp Hill PA 17011	FP
HERTZLER JR, MD, John V 256 S Hanover St Carlisle PA 17013	IM	WICKLUND, MD, Dele G Rd 1 Boiling Springs PA 17007	FP						

DAILEY, MD, Edwerd G 872 Poplar Church Rd Camp Hill PA 17011	OPH	FIELD, MD, Elizabeth H 58 University Manor Hershey PA 17033	IM	GOODMAN, MD, Bruce 1515 N Front St Harrisburg PA 17102	ORS	HEWLETT, MD, John O 863 Linden Rd Hershey PA 17033	FP	KNISELY, MD, Samuel W 1410 N 2D St Harrisburg PA 17102	OPH
DALY JR, MD, James F 511 Allison Ave Mechanicsburg PA 17055	PD	FIELD, MD, John M 1730 E Broad St Hazelton PA 18201	IM	GORDON, MD, Dudley R 6091 Linglestown Rd Harrisburg PA 17112	FP	HILDEBRANDT, MD, Richard J Polyclinic Medical Cntr Harrisburg PA 17105	OBG	KNUPP, MD, Melvin L 890 Poplar Ch Rd 104 Camp Hill PA 17011	GS
DAROWISH, DO, Charles E 4319 Londonderry Rd Harrisburg PA 17109	PD	FIERER, MD, Robert R 100 A Colonial Rd Harrisburg PA 17109	IM	GORDON, MD, Stenley L M S Hershey Med Ctr Hershey PA 17033	ORS	HOBBS, MD, Thomas R 3335 Market St Camp Hill PA 17011	IM	KONHAUS, MD, Carol H 2701 N Front St Harrisburg PA 17110	GS
DAUE JR, MD, Edwin O 12 Chalton Circle Camp Hill PA 17011	GS	FINK JR, MD, Howard E 1501 N Front St Harrisburg PA 17102	R	GORDON, MD, William S 8091 Linglestown Rd Linglestown PA 17112	FP	HODGE, MD, Arthur J 458 E Market St Williamstown PA 17098	IM	KOST, MD, Lewis V 789 Poplar Church Rd Camp Hill PA 17011	U
DAVIS, MD, Thomas S 500 University Ave Hershey PA 17033	PS	FISHER, MD, Robert A 700 S 28th St Harrisburg PA 17103	P	GRAF, MD, Kenneth W 890 Poplar Ch Rd Sta 102 Camp Hill PA 17011	GS	HOFFMAN JR, MD, Lewis A 831 E Main St Lykens PA 17048	FP	KOSTIN, MD, Raymond F P O Box 3119 Shremanstown PA 17011	GS
DAVIS, MD, William S 2701 N Front St Harrisburg PA 17110	GS	FITZGERALD, MD, Richard P 204 Forster St Harrisburg PA 17102	IM	GRANDON, MD, Raymond C 131 State St Harrisburg PA 17101	IM	HOTTENSTEIN, MD, Daniel W 2 Spring Creek Ln Hershey PA 17033	R	KRAUS, MD, John J 515 E 14th St #5E New York NY 10009	GS
DELONE JR, MD, Charles A 113 Locust St Harrisburg PA 17101	OBG	FLETCHER, MD, Thomas F Harrisburg Hosp Harrisburg PA 17101	PD	GREEN, MD, M Edwin 1719 N Front St Harrisburg PA 17102	IM	HOTTENSTEIN, MD, Esther 850 Cantar St Millersburg PA 17061	FP	KREIDER, MD, John W Ms Hershey Med Ctr Hershey PA 17033	PTH
DELROSARIO, MD, Vivancio G Holy Spirit Hosp Cmhc Camp Hill PA 17011	P	FLICKINGER, MD, Frederick W Harrisburg Hosp Harrisburg PA 17101	PRM	GREENAWALD, MD, Henry A 4918 Locust Lane Harrisburg PA 17109	FP	HOTTENSTEIN, MD, Rahn L P O Box 27 Millersburg PA 17061	FP	KREISER JR, MD, Joseph R 293 North St Millersburg PA 17061	IM
DIETRICH, MD, William S 1612 Bridge St New Cumberland PA 17070	FP	FLURKEY, MD, Emerson C 890 Poplar Chrch Rd #206 Camp Hill PA 17011	OBG	GREER III, MD, Robert B M S Hershey Med Ctr Hershey PA 17033	ORS	HOWANITZ, MD, Micheal P 3301 Schoolhouse Ln Harrisburg PA 17109	IM	KRIEG, MD, Arthur F Hershey Med Ctr Hershey PA 17033	PTH
DONOVAN, MD, J Ward Hershey Med Ctr E M Dpt Hershey PA 17033	FP	FORSYTHE, MD, Patrick D Holy Spirit Hosp Camp Hill PA 17011	AN	GRIBB, MD, Joseph C 1400 N 2nd St Harrisburg PA 17102	FP	HUME, MD, John M 2448 Logan St Harrisburg PA 17110	P	KULIN, MD, Howard E M S Hershey Med Ctr Hershey PA 17033	PD
DORKO, MD, Carl J 355 N 21st St Camp Hill PA 17011	OBG	FORTI, MD, William P 78 Graanwood Cir Wormleysburg PA 17043	PD	GRIFF, MD, Leonard C 1545 Appletree Rd Harrisburg PA 17110	R	IAMS, MD, Wm B 2247 N Front St Harrisburg PA 17110	TS	KUNDU, MD, Sambhu N 8343 Stephens Crossing Mechanicsburg PA 17055	OBG
DOSSETT, MD, John H Dept Pad Mah Med Ctr Hershey PA 17033	PD	FOSTER JR, MD, John V 900 N 2D St Harrisburg PA 17102	IM	GRIFF, MD, Roberta E 1545 Appletree Rd Harrisburg PA 17110	PD	ICHTER, MD, Joseph T 4720 Pine Rdg Rd Harrisburg PA 17110	PD	KUNKEL, MD, Barbara K 1501 N Front St Harrisburg PA 17102	R
DRAGO, MD, Joseph R 500 University Dr Hershey PA 17033	U	FOUST, MD, Tilman H 1343 Lk Maada Dr Rd 1 East Berlin PA 17318	R	GROSSMAN, MD, Lerry B Hershey Med Ctr Bx 1455 Hershey PA 17033	AN	INNERS, MD, Charles R 425 N 21st St Camp Hill PA 17011	IM	KUNKEL, MD, George W Tuaceroa & Front St Harrisburg PA 17104	IM
DUGGAN JR, MD, Francis J 4341 Union Deposit Rd Harrisburg PA 17111	U	FRANK, MD, Herbert L Box 682 Rd 4 Linglestown PA 17112	AN	GROSSMAN, MD, Ronald M 890 Poplar Ch Rd 108 Camp Hill PA 17011	OTO	INSLEY JR, MD, Marion C 1117 N 2D St Harrisburg PA 17102	OTO	KUNKEL, MD, Paul A Rd 2 Box 21 Elters PA 17319	GS
DURBECK, MD, Donald C 25 W Main St Shremanstown PA 17011	IM	FREEDMAN, MD, Donald B 2818 Graan St Harrisburg PA 17110	IM	GROSSO, MD, Daniel L Hershey Med Ctr Hershey PA 17033	R	ISAACS, MD, Charles T 94 Stonemill Rd Rd 2 Hummelstown PA 17036	AN	KUNKEL, MD, W Minstar 2701 N Front St Harrisburg PA 17110	GS
DURISEK, MD, George S 449 Houcks St Harrisburg PA 17109	R	FRESHMAN, MD, John R 2845 N 3rd St 230 Harrisburg PA 17110	IM	GUSTAVSON, MD, Rogar B 2818 Graan St Harrisburg PA 17110	IM	JACKSON, MD, Frank W 890 Poplar Church Rd 200 Camp Hill PA 17011	IM	KUSHNER, MD, Bartrand 2845 N 3rd St Sta 470 Harrisburg PA 17110	IM
DUTLINGER, MD, Robert P 256 N Union St Middletown PA 17057	GS	FRIEDLANDER, MD, Milton A 441 N 25th St Camp Hill PA 17011	R	GUTIERREZ, MD, Felix 92 Tuscarora St Harrisburg PA 17104	IM	JACKSON, MD, Georgia L 22 N Beltimora St Dillsburg PA 17019	IM	KUSKIN, MD, Louis F 538 Alta Vista Ave Harrisburg PA 17109	IM
DYE, MD, Robert E 410 W Governor Rd Hershey PA 17033	IM	FRIEDMAN, MD, Mark C 3909 Ridgeland Blvd Mechanicsburg PA 17055	IM	HAKE, MD, Jaan H 945 Granlea Rd Hershey PA 17033	P	JEFFERIES 3D, MD, George E 890 Poplar Ch Rd Sta 206 Camp Hill PA 17011	OBG	LADDA, MD, Rogar L M S Hershey Med Ctr Hershey PA 17033	PD
EATON, MD, Edward H 1430 Bridge St New Cumberland PA 17070	OBG	FRIEDMAN, MD, Sumnar H 350 N 27th St Camp Hill PA 17011	R	HALBERT, MD, David R 1135 E Chocolate Ave 211 Hershey PA 17033	OBG	JEFFRIES, MD, Graham H M S Hershey Med Ctr Hershey PA 17033	IM	LANSHE, MD, Harold F 2000 Market St Harrisburg PA 17103	OTO
EATON, MD, Hamblen C 2902 Parkside Lane Harrisburg PA 17110	P	FRITCHER JR, MD, John A 7031 Blue Ridge Ave Harrisburg PA 17112	D	HALLOCK, MD, Margaret E Rd 3 Box 280A Dover PA 17315	FP	JOEHL, MD, Raymond J Hershey Med Ctr Hershey PA 17033	GS	LANSHE, MD, John L 1820 N 2nd St Harrisburg PA 17102	U
ECKER JR, MD, Herbert A 3208 N Scenic Dr Harrisburg PA 17109	GS	FROELICH, MD, Arthur D 1106 Carlisa Road Camp Hill PA 17011	GS	HAMILTON, MD, Robert W Ms Hershey Med Ctr Hershey PA 17033	IM	JONES, MD, Eurytryn 399 N 25th St Camp Hill PA 17011	GS	LATSHAW, MD, Robert F Hershey Med Ctr Bx 1483 Hershey PA 17033	R
EDMISTON, MD, Robert B Pa Blue Shield Camp Hill PA 17011	FP	FROMME, MD, Kenneth L 3028 Market St Camp Hill PA 17011	PD	HANDFORD, MD, H Allan 803 Plymouth Circle Hershey PA 17033	P	JONES, MD, George A 328 N Front St Steelton PA 17113	FP	LAWSON JR, MD, E Kirby 1021 S Progress Ave #D-4 Harrisburg PA 17111	FP
EDMUNDOWICZ, MD, Alphonse C 2645 N 3rd St 230 Harrisburg PA 17110	IM	FRY, MD, Chloes O 442 Bathany Dr Mechanicsburg PA 17055	OBG	HARDING, MD, Robert L 2201 N 2nd St Harrisburg PA 17110	PS	JONES, MD, James E 2645 N 3rd St Sta 150 Harrisburg PA 17110	PD	LAWSON JR, MD, Herman P O Box 5098 Harrisburg PA 17110	FP
EDWARDS, MD, George E 1900 Bridge St New Cumberland PA 17070	FP	GAITHER, MD, Herbert 1517 Cedar Cliff Dr Camp Hill PA 17011	IM	HARM JR, MD, Kannath R 812 Acir Rd Mechanicsburg PA 17055	FP	JORDAN JR, MD, Herbert V 4339 Union Deposit Rd Harrisburg PA 17111	OBG	LEAMAN, MD, David M Hershey Med Ctr Hershey PA 17033	IM
ENTWISTLE, MD, Nelson L 642 St Johns Dr Camp Hill PA 17011	GS	GALLIA, MD, Francis J 1501 N Front St Harrisburg PA 17102	R	HARRISON, MD, C Scott 3975 Trindia Rd Camp Hill PA 17011	ORS	JUVELIER, MD, Bernard W Harrisburg Hosp Harrisburg PA 17101	PTH	LEASER, MD, Joseph P R D 2 Hummelstown PA 17038	FP
ERVIN II, MD, James F 423 Blacklatch Ln Camp Hill PA 17011	OBG	GARCIA, MD, Guillermo 153 S 32nd St Camp Hill PA 17011	PD	HASELHUNN, MD, Donald H 492 N 25th St Camp Hill PA 17011	AN	KALENAK, MD, Alexander 315 Bradley Ave Hummelstown PA 17036	ORS	LEBER, MD, David C 3811 Haarthstone Rd Camp Hill PA 17011	PS
ERVIN, MD, Carl E 1525 Cedar Cliff Dr Camp Hill PA 17011	IM	GARCIA, MD, Jose A Rd2 Dillsburg PA 17019	IM	HASSELBACHER, MD, Frank X 785 Poplar Church Rd Camp Hill PA 17011	P	KALES, MD, Anthony M S Hershey Med Ctr Hershey PA 17033	P	LEEDHAM, MD, Cherlae L 2409 Midlend Rd Harrisburg PA 17104	IM
EUBANKS, MD, David A Harrisburg Hosp Fpc Harrisburg PA 17101	FP	GEADAH, MD, Fouad A 725 Vista Drive Camp Hill PA 17011	OTO	HASZ, MD, Richard D Po Box G Hershey PA 17033	FP	KALES, MD, Joyca M S Hershey Med Ctr Hershey PA 17033	P	LEHMAN, MD, Ralph A M S Hershey Med Ctr Hershey PA 17033	NS
EVERHART, MD, Wilson C 1080-5 Union Deposit Ctr Harrisburg PA 17111	OBG	GEDULDIG, MD, Michael M 4969 Barkley St Harrisburg PA 17109	IM	HATCHER, MD, Ronald A 138 Ringneck Dr Harrisburg PA 17112	OBG	KAMMERER, MD, Wm S Milton S Hershey Med Ctr Hershey PA 17033	IM	LEHMAN, MD, Ruby Z 83 E Main St Middletown PA 17057	FP
EYSTER, MD, M Elaine 51 Woodland Ave Hershey PA 17033	IM	GERDES JR, MD, Joseph H 402 N 2nd St Harrisburg PA 17101	D	HATFIELD, MD, Charles R 890 Poplar Ch Rd 310 Camp Hill PA 17011	FP	KANDRA, MD, Joseph J 4810 Danbury Rd Harrisburg PA 17109	IM	LEICHT, MD, Paul F 220 Anchor Rd Elizabethtown PA 17022	PTH
FABER, MD, Frederick S 3301 School House La Harrisburg PA 17109	FP	GERDES, MD, Joseph H 402 N 2nd St Harrisburg PA 17101	D	HAWKINS, MD, Walter D 1005 N 2nd St Harrisburg PA 17102	IM	KANENSON, MD, William L 2818 Graan St Harrisburg PA 17110	IM	LEIS, MD, Dean J 77 Cedar Ave Hershey PA 17033	FP
FACKLER, MD, Emerson F 318 N 26th St Camp Hill PA 17011	OBG	GILDEA, MD, James E 1080 W Arabe Ave Hershey PA 17033	AN	HAYES JR, MD, Arthur H M S Hershey Med Ctr Hershey PA 17033	IM	KASE, MD, Paul F 1009 Rolleston St Harrisburg PA 17104	FP	LEITNER, MD, Karmit L 2148 N 2D St Harrisburg PA 17110	FP
FAGER, MD, Charles B 108 Craek Rd Camp Hill PA 17011	OPH	GILROY, MD, Robert C 2845 N 3rd St Sta 380 Harrisburg PA 17110	IM	HEFFLEY, MD, William M 120 W Main St Hummelstown PA 17036	IM	KEENEY, MD, Galen E 4300 Davonshire Rd Harrisburg PA 17109	FP	LEVIN, MD, Daniel M 21 Plaza Pl 425 N 21st Camp Hill PA 17011	IM
FAGER, MD, Joseph S 1801 N Front St Harrisburg PA 17102	P	GIULIAN, MD, Bertrand B 1501 N Front St Harrisburg PA 17102	R	HEMLER, MD, Paul M 3813 Copper Katlla Rd Camp Hill PA 17011	AN	KENIG, MD, Isador J 1021 S Progress Ave Harrisburg PA 17111	FP	LEWIN, MD, Stanley B 425 N 21 St Camp Hill PA 17011	IM
FAIRBROTHER, MD, Paul F 1389 Roush Rd Rd#1 Hummelstown PA 17038	OBG	GIVENS, MD, Frederick T 2447 N 3rd St Harrisburg PA 17110	U	HENDERSON, MD, Rugb A 500 University Dr Hershey PA 17033	FP	KILMORE JR, MD, Vanca E Andersontown Rd R D 3 Mechanicsburg PA 17055	OPH	LEWIS, MD, Maurica J 4501 Sequoia Dr C197 Harrisburg PA 17109	IM
FARIES JR, MD, George B 25 Forest Dr Mechanicsburg PA 17055	GS	GLAUSER, MD, Felix E Bathleham Steel Hosp Steelton PA 17113	GS	HENSLEY, MD, Frederick A Apl 88 Univ Manor Hershey PA 17033	AN	KIRKER, MD, Walter R 4010 Londonderry Rd Harrisburg PA 17109	OBG	LIEDTKE, MD, Arthur J Cardo Div Hershey Med Ctr Hershey PA 17033	IM
FARRA, MD, Frederic T 50 Sycamore Lane Palmyra PA 17078	IM	GLUCK, MD, Michael L 1106 Carlisle Rd Camp Hill PA 17011	IM	HERCEG, MD, Stephen J 2201 N 2nd St Harrisburg PA 17110	PS	KITZMILLER, MD, John K 4117 Darry St Harrisburg PA 17111	FP	LIFTON, MD, Lester J Mad Arts Bldg Sta 305 Camp Hill PA 17011	IM
FENCEL, MD, Richard M Poly Hosp Triatan Assoc Harrisburg PA 17105	R	GOLDMAN, MD, Stanley R 4341 Union Deposit Rd Harrisburg PA 17111	IM	HERROLD, MD, Sharmen E 545 Main St Lykens PA 17048	FP	KLEMEK, MD, Stanley C 2451 N 3rd St Harrisburg PA 17110	ORS	LIM, MD, Heng-Feng 92 Tuscarora St Harrisburg PA 17104	IM
FIDELER, MD, Richard 56 Ertord Rd Camp Hill PA 17011	NS	GOLDSTEIN, MD, Laurence 425 N 21st St Camp Hill PA 17011	IM	HERZEL JR, MD, Frank B 881 Maria Dr Harrisburg PA 17109	IM	KNIGHT JR, MD, Emerson L 3702 Montour St Harrisburg PA 17111	U	LIPTON, MD, Allan Ms Hershey Med Ctr Hershey PA 17033	IM

LITTLE, MD, G Robert 912 Drexel Hill Blvd New Cumberland PA 17070	FP	MILLS, MD, M Duane 517 N 2nd St Harrisburg PA 17101	IM	PARR, MD, Grant V Hershey Med Ctr Rmc412 Hershey PA 17033	TS	ROHLAND, MD, Donald V 2814 Green St Harrisburg PA 17110	IM	SHIELDS, MD, Lea H 21 Plaza Pl 425 N 21st Camp Hill PA 17011	IM
LITTLE, MD, Robert G Po Box 5098 Harrisburg PA 17110	FP	MISZERA, MD, Janusz 838 Kiehl Dr Lemoyne PA 17043	AN	PASSMAN, DO, Hervy B 3rd & Polyclinic Aves Harrisburg PA 17105	FP	ROHNER JR, MD, Thomas J M S Hershey Med Ctr Hershey PA 17033	U	SHINDLER, MD, Robert L 1517 Cedar Cliff Dr Camp Hill PA 17011	OPH
LITTON, MD, Jason J 875 Poplar Church Rd Camp Hill PA 17011	ORS	MOFFITT JR, MD, George R 92 Tuscarora St Harrisburg PA 17104	IM	PATEL, MD, Shashikant B Harrisburg Hosp Hem Harrisburg PA 17101	IM	ROHRBAUGH JR, MD, Charles M 331 Schuykill St Harrisburg PA 17110	OBG	SICKEL, MD, Edward F 1117 N 2nd St Harrisburg PA 17102	OTO
LITTON, MD, Linda T R D 3 Mechanicsburg PA 17055	AN	MOLONEY, MD, Joseph D 302 N Progress Ave Harrisburg PA 17109	FP	PATTERSON, MD, Laland F 3300 Trindle Road Camp Hill PA 17011	N	ROHRER, MD, G Victor Hershey Med Ctr Rad Dp Hershey PA 17033	IM	SIEGEL, MD, John E 840 Rising Sun Road Millersburg PA 17061	US
LOMERGAN, MD, Robert P 875 Poplar Church Rd Camp Hill PA 17011	ORS	MOORE, MD, Barry B 3500 Trindle Rd Camp Hill PA 17011	NS	PATTERSON, MD, Lewis T Polyclinic Med Ctr Harrisburg PA 17105	GS	ROLLO, MD, Daniel P 113 University Manor Hershey PA 17033	OBG	SIEGELBAUM, MD, Steven P 2845 N 3rd St Ste 470 Harrisburg PA 17110	IM
LOOKINGBILL, MD, Donald P 1359 Bradley Ave Hummelstown PA 17036	D	MOORE, MD, Clarence E 118 Locust St Harrisburg PA 17101	GS	PATTERSON, MD, Richard J 875 Poplar Ch Rd Camp Hill PA 17011	ORS	ROMIG, MD, John E 209 State St Harrisburg PA 17101	OPH	SILVER, MD, Lawrence B 2845 N 3rd St Ste 270 Harrisburg PA 17110	OBG
LOOMIS, MD, Charles H 4918 Locust Lane Harrisburg PA 17109	FP	MORRISON, MD, Donald E 2500 Walnut St Harrisburg PA 17103	FP	PAWELSKI, MD, Richard J Polyclinic Hosp Harrisburg PA 17105	R	ROTH JR, MD, George R 3500 Trindle Rd Camp Hill PA 17011	NS	SIMMONDS, MD, Mary Anna 1811 Warren St New Cumberland PA 17070	IM
LOVE, MD, Willard H 2800 Green St Harrisburg PA 17110	ORS	MORTEL, MD, Rodriguez Md Hershey Med Ctr Hershey PA 17033	OBG	PEASE, MD, William E 92 Tuscarora St Harrisburg PA 17104	IM	ROUSSEL, MD, Paula L 2401 Bellevue Rd Harrisburg PA 17104	US	SKINNER, MD, Stephen R M S Hershey Med Ctr Hershey PA 17033	ORS
LOWRY, MD, Donald J 21 Plaza Pl 425 N 21st Camp Hill PA 17011	IM	MORTON, MD, John C 23 Glendale Dr Mechanicsburg PA 17055	R	PENDRAK, MD, Robert F 4787 Sweetbrier Terr Harrisburg PA 17111	IM	RUBENSTEIN, MD, Morton J 3712 Woodridge Dr Harrisburg PA 17110	IM	SLAYCOFF, MD, Alexander 3231 N 2nd St Harrisburg PA 17110	U
LUDERER, MD, John R 207 Maple Ave Hershey PA 17033	IM	MOSCOSO, MD, Aurelio A Harrisburg State Hosp Harrisburg PA 17105	P	PENNOCK, MD, John L Hershey Medical Center Hershey PA 17033	GS	RUBIN, MD, Morton L 3975 Trindle Rd Camp Hill PA 17011	ORS	SMELTZER, MD, Kenneth L 21 Plaza Pl 425 N 21st Camp Hill PA 17011	IM
MAAS, MD, Anthony E Holy Spirit Hospital Camp Hill PA 17011	PTH	MOYER, MD, Earl S 108 State St Harrisburg PA 17101	IM	PERNA, MD, Francis X 1521 Cedar Cliff Dr Camp Hill PA 17011	IM	RUFFLE, MD, Joan M Hershey Med Ctr An Dept Hershey PA 17033	AN	SMITH JR, MD, J Stanley 1453 Quail Hollow Rd Harrisburg PA 17112	US
MACUT, MD, S Sava 591 N 87th St Harrisburg PA 17111	FP	MULLER, DO, Arthur J 92 Tuscarora St Harrisburg PA 17104	IM	PETROKUBI, MD, Robert J M S Hershey Med Ctr Hershey PA 17033	IM	RUSSEK, MD, Edward 714 West Walnut St Palmyra PA 17078	P	SMITH, MD, Charles W 2303 Valley Rd Harrisburg PA 17104	IM
MAGARGLE, MD, Rodney L 4920 Woodbox Ln Mechanicsburg PA 17055	IM	MULLER, MD, H Arnold Hershey Med Ctr Hershey PA 17033	EM	PEZZUTI, MD, John E 1800 Market St Harrisburg PA 17103	FP	RUSSELL, MD, Richard L 2247 N Front St Harrisburg PA 17110	TS	SMITH, MD, David A Polyclinic Med Ctr Harrisburg PA 17105	IM
MAGILL, MD, Richard M 1820 Linglestown Rd Harrisburg PA 17110	FP	MURRAY, MD, William M 145 Bryce Rd Camp Hill PA 17011	ORS	PHEASANT, MD, Thomas R 425 N 21st St Camp Hill PA 17011	OPH	RYCHAK, MD, John S 2800 Green St Harrisburg PA 17110	ORS	SMITH, MD, Jay D 11 E Orange Grove #2112 Tucson AZ 85704	OTO
MAHON, MD, Marilyn S 2459 Walnut St Harrisburg PA 17103	FP	MUSSER, MD, Benjamin G 2247 N Front St Harrisburg PA 17110	TS	PHILLIPS, MD, J Douglas 53 N 13th St Harrisburg PA 17103	FP	SALVA, MD, Renato H Cameron Meclay Sta Harrisburg PA 17105	P	SNYDER, MD, Diehl M 500 University Dr Hershey PA 17033	FP
MAHON, MD, Wilmer B 2459 Walnut St Harrisburg PA 17103	GS	MYERS III, MD, Franklin J 417 Cocklin St Mechanicsburg PA 17055	PD	PHILLIPS, MD, Vernon R 2515 Market St Camp Hill PA 17011	FP	SANDERSON, MD, Douglas K 3718 Lisburn Rd Mechanicsburg PA 17055	ORS	SNYDER, MD, John J 2718 Derry St Harrisburg PA 17111	FP
MAINGI, MD, Naresh S 1515 N 2nd St Harrisburg PA 17110	PD	MYERS, MD, Gordon D 350 N 21st St Camp Hill PA 17011	TS	PICCINI, MD, Paul A 8 Eastview Cir Rd 1 Sugarloaf PA 18249	IM	SANFORD, MD, Robert G 890 Poplar Ch Rd Ste 500 Camp Hill PA 17011	IM	SOLLER, MD, Herbert I P O Box 710 Ste 203 Harrisburg PA 17108	IM
MAISELS, MD, M Jeffrey Ped Dept Hershey Med Ctr Hershey PA 17033	PD	NAEYE, MD, Richard L M S Hershey Med Center Hershey PA 17033	PTH	PIERCE, MD, William S 1255 Middletown Rd Hummelstown PA 17036	GS	SANTEN, MD, Richard J Ma Hershey Med Ctr Hershey PA 17033	IM	SOLOMON, MD, Cynthia A 4240 A Williamsburg Dr Harrisburg PA 17109	IM
MALIN, MD, Thomas H 890 Poplar Ch Rd Ste 318 Camp Hill PA 17011	ORS	NAHHAS, MD, William A M S Hershey Med Ctr Hershey PA 17033	OBG	PLOWMAN, MD, John W 6780 Hickory Ln Harrisburg PA 17112	FP	SAPIRSTEIN, MD, Wolt 2247 N Front St Harrisburg PA 17110	TS	SPIGNER, MD, Donald W 3601 N Progress Ave Harrisburg PA 17110	FP
MANIGLIA, MD, Rosario Holy Spirit Hosp Camp Hill PA 17011	PTH	NAHRWOLD, MD, David L 500 University Ave Hershey PA 17033	TS	POLK, MD, Miriam R 321 North St Millersburg PA 17061	US	SASSANI, MD, Joseph W Hershey Med Ctr Oph Div Hershey PA 17033	OPH	SROUJI, MD, Samir J 3510 Trindle Rd Camp Hill PA 17011	PS
MANKO, MD, Gene F 331 Schuykill Harrisburg PA 17110	OBG	NELSON, MD, Nicholas M M S Hershey Med Ctr Hershey PA 17033	PD	POOL, MD, Champe C 2800 Green St Harrisburg PA 17110	ORS	SAUERS, MD, Patricia L Rd #1 Box 1058 York Springs PA 17372	GS	STACKS JR, MD, Jacob C Hbg State Hosp Pouch A Harrisburg PA 17105	P
MARGOLIS, MD, Bernerd M 4801 Devonshire Rd Harrisburg PA 17109	PD	NEWTON, MD, Frederick C 4518 Union Deposit Rd Harrisburg PA 17111	R	PORR, MD, George H 890 Poplar Ch Rd Ste 207 Camp Hill PA 17011	P	SAUERTIEG, MD, Elliott A 2337 N 3rd St Harrisburg PA 17110	OBG	STAFFORD, MD, John M Polyclinic Hosp Harrisburg PA 17105	FP
MARKLEY, MD, George M P O Box 3363 Shirmanstown PA 17011	NS	NICHOLAS, MD, Gary G M S Hershey Med Ctr Hershey PA 17033	GS	POST, MD, Donald F 104 Erford Rd Camp Hill PA 17011	OBG	SAVORY, MD, William J 890 Poplar Ch Rd 104 Camp Hill PA 17011	GS	STAHL, MD, Robert W Seidel Mem Hosp Mechanicsburg PA 17055	FP
MARTIN, MD, Enos D Rte 5 Box 822 Elizabethtown PA 17022	P	NICHOLS, MD, Claude E 2645 N 3rd St Ste 380 Harrisburg PA 17110	FP	POTTER, MD, Charles R Hershey Medical Ctr Hershey PA 17033	OTO	SAXON, MD, Joseph G 890 Poplar Ch Rd Ste 209 Camp Hill PA 17011	P	STAHL, MD, Dale C 1400 N 2nd St Harrisburg PA 17102	IM
MCCALL, MD, William M 4339 Union Deposit Rd Harrisburg PA 17111	OBG	NORATO, MD, Joseph F Holy Spirit Hosp Camp Hill PA 17011	AN	PROCOPIO, MD, Frank 153 S 32nd St Camp Hill PA 17011	PD	SAYE JR, MD, William H Ste 340 2645 N Third St Harrisburg PA 17110	D	STANKOVIC, MD, Ljubisa 10 N 30th St Camp Hill PA 17011	FP
MCGLYNN JR, MD, Thomas J Hershey Med Ctr H123 Hershey PA 17033	IM	NORDENBERG, MD, Aaron 2612 N 3rd St Harrisburg PA 17110	PD	PRYSTOWSKY, MD, Harry M S Hershey Med Ctr Hershey PA 17033	OBG	SCHAFER, MD, David N 475 Governor Rd Hershey PA 17033	PD	STEELE, MD, R Edward 92 Tuscarora St Harrisburg PA 17104	GS
MCCRATH, MD, Joseph M 2645 N 3rd St Rm 450 Harrisburg PA 17110	P	OCONNELL, MD, Brent J 4801 Devonshire Rd Harrisburg PA 17109	PD	QUESADA, MD, Manuel F 1108 Carlise Road Camp Hill PA 17011	GS	SCHEIN, MD, Alan L 4471 Nantucket Rd Harrisburg PA 17112	OPH	STEIN, MD, Eleanor R 1519 N Front St Apt 3A Harrisburg PA 17102	PD
MCINROY, MD, Robert D 890 Poplar Ch Rd 307 Camp Hill PA 17011	IM	OHLSON, MD, Guy E 135 S 17th St Camp Hill PA 17011	IM	OUICKEL, MD, Kenneth E 355 N 21st St Ste 208 Camp Hill PA 17011	IM	SCHIRO, MD, John C 161 S 32nd St Camp Hill PA 17011	IM	STEVENSON, MD, Robert E 104 Erford Rd Camp Hill PA 17011	OBG
MCLAUGHLIN, DO, John P 4343 Union Deposit Rd Harrisburg PA 17111	IM	OLIVES, MD, Manuel 2900 Derry St Harrisburg PA 17111	FP	RABIN, MD, Harold S 806 Riverview Rd Lemoyne PA 17043	R	SCHLOSSBERG, MD, David Polyclinic Med Ctr Harrisburg PA 17105	IM	STEWART, MD, Richard P 1501 N Front St Harrisburg PA 17102	R
MCLINN, MD, Samuel E 2845 N 3rd St Rm 150 Harrisburg PA 17110	PD	ONEILL JR, MD, Martin J Hershey Med Ctr Dp Surg Hershey PA 17033	GS	RAEUCHLE, DO, Randal A 914 N 2nd St Harrisburg PA 17102	GS	SCHOOLWERTH, MD, Anton C Hershey Med Ctr Hershey PA 17033	IM	STONER JR, MD, Robert R 890 Poplar Ch Rd 501 Camp Hill PA 17011	GS
MCMLLEN, MD, James I 514 Range End Rd Dillsburg PA 17019	IM	ORMAN, MD, Steven K 104 Erford Rd Camp Hill PA 17011	D	RAHAM, MD, David C 2601 N 3rd St Harrisburg PA 17105	FP	SCHUCKER, MD, Forrest A 890 Poplar Church Rd Camp Hill PA 17011	GS	STONER, MD, John C 1900 Bridge St New Cumberland PA 17070	FP
MENEELY, MD, Alfred W 4601 Devonshire Rd Harrisburg PA 17109	PD	OSTDAHL, MD, Roger H 3500 Trindle Rd Camp Hill PA 17011	NS	REILLY, MD, Desmond J 4200 Jonathan Rd Harrisburg PA 17110	AN	SCHWENTKER, MD, Edwards P Hershey Med Ctr Ora Div Hershey PA 17033	ORS	STONER, MD, Max A Polyclinic Hosp Harrisburg PA 17105	PM
MESSNER, MD, Jean T Harrisburg Hosp Harrisburg PA 17101	AN	OSTMAN, MD, Zenaida E Holy Spirit Hosp Camp Hill PA 17011	AN	RICCI, MD, Joseph A 21 Plaza Pl 425 N 21st Camp Hill PA 17011	IM	SEBASTIAN, MD, Eugene F 207 State St Harrisburg PA 17101	OPH	STONER, MD, Paul S 21 W Main St Hummelstown PA 17038	FP
MIKSZEWSKI, MD, Jerold 3300 Trindle Rd Camp Hill PA 17011	N	OUTLAND, MD, Tom 5300 Gull Dr Apt 106 Holmes Bch FL 33510	ORS	RICH, MD, James F 2815 Rosegarden Blvd Mechanicsburg PA 17055	IM	SEIDLICH, MD, Franklin T 331 Schuykill St Harrisburg PA 17110	OBG	STRAUSS, MD, Melvin Ma Hershey Med Ctr Hershey PA 17033	OTO
MILFORD, MD, Henry E 2447 N Third St Harrisburg PA 17110	GS	PAGE, MD, Michael J 920 Cola Rd Middletown PA 17057	GS	RICHTER, MD, James J M S Hershey Med Ctr Anes Hershey PA 17033	AN	SHAFER, MD, Carolyn W 2247 N Front St Harrisburg PA 17110	TS	STROCK, MD, Bradford K Fpc Hbg Hosp Harrisburg PA 17101	FP
MILKE, MD, Denis J 890 Poplar Ch Rd Ste 407 Camp Hill PA 17011	P	PAGE, MD, Robert B Hershey Med Ctr Hershey PA 17033	NS	RIFE, MD, Charles J 2003 Market St Camp Hill PA 17011	OPH	SHAMIMI-NOORI, MD, Soroush Hershey Med Ctr Pay Dpt Hershey PA 17033	P	STROUT, MD, Charles D Fhn Assoc Box 413 Camp Hill PA 17011	AN
MILLER JR, MD, William B 5082 Lilac Ln Apt 203 Harrisburg PA 17111	R	PAPANDREA JR, MD, Augustus J 1293 E Geraldine Dr Harrisburg PA 17112	FP	ROBISON, MD, Robert N 4300 Devonshire Rd Harrisburg PA 17109	FP	SHANNON, MD, Robert E 3301 Schoolhouse Lane Harrisburg PA 17109	FP	STRYKER, MD, John A Hershey Med Ctr Dept Rad Hershey PA 17033	R
MILLER, MD, Lee C Polyclinic Hosp Harrisburg PA 17105	P	PARK, MD, Nae H 2413 N Front St Harrisburg PA 17110	OTO	RODRIGUEZ, MD, Rodolfo E Harrisburg State Hosp Harrisburg PA 17105	FP	SHERMAN, MD, Alfred J 104 Erford Rd Camp Hill PA 17011	OBG	SULLIVAN, MD, John M 511 Park Hills Dr Mechanicsburg PA 17055	FP
MILLER, MD, Richard J Bx 67 Kendal At Longwood Kennett Sq PA 19348	FP	PARNES, MD, Herbert M 104 Erford Rd Camp Hill PA 17011	D	ROGERS, MD, Kenneth J 242 Univ Manor Hershey PA 17033	AN	SHERMAN, MD, Mathew H 1119 Towne House Harrisburg PA 17102	OBG	SULLIVAN, MD, William A 280 Winding Wey Camp Hill PA 17011	IM

SUSSMAN, MD, Nathan 805 N 2nd St Harrisburg PA 17102	IM	WHITMAN, MD, Victor Milton Hershey Med Ctr Hershey PA 17033	PD	BAKER, MD, Ramon D Po Box 127 Gin Riddle-Lima PA 19037	FP	BROWN, MD, Robert C 3 Hillock La Chadda Ford PA 19317	R	DEES-PORCH, MD, Francea Chestnut St-Glendale Rd Upper Darby PA 19082	OBG
SUTLIFF, MD, Cerlena S 700 Creak Rd Camp Hill PA 17011	PD	WIDOME, MD, Mark D Hershey Med Ctr Peds Hershey PA 17033	PD	BALIN, MD, Arthur K 81 Floranca Rd Apt 2A Branford CT 06405	IM	BUCHANAN, MD, Joan H Glen Mills PA 19342	OBG	DELAITES, MD, Loretta M 408 E 13th St Chester PA 19013	PD
SWAMIDOSS, MD, Stephenson S Holy Spirit Hosp Camp Hill PA 17011	PTH	WIEST, MD, Hiram L 505 Elm St Harshay PA 17033	FP	BALIN, MD, Benjamin R Se 22nd & Providence Chester PA 19013	FP	BUKOWSKI, MD, Martin J 1238 Hunt Club Lane Media PA 19063	PD	DELGUERCIO, MD, Edmund T 272 N Lansdowne Ave Lansdowne PA 19050	OBG
SWARTZ JR, MD, Oliver H 220 Market Street Newport PA 17074	FP	WILCOX, MD, David E Hershey Med Ctr Hershey PA 17033	EM	BALIS, MD, Sol 211 Stanlord Dr Wallington PA 19088	AN	BURKE, MD, James F 4 Wiltshire Road Philadelphia PA 19151	FP	DEMARCO, MD, James C 337 Ellis Ave Havertown PA 19083	PD
TAN, MD, Tjauw-Ling M S Hershey Med Ctr Hershey PA 17033	P	WILLIAMS, MD, Virginia M P O Box 331 Lemoine PA 17043	PD	BARR, MD, Harry J 724 Great Springs Rd Bryn Mawr PA 19010	R	BUTLER, MD, Miriam Glen Mills PA 19342	IM	DEORSAY, MD, Ralph H Coral Sanda #8 Worthing C Barbados W Indies	FP
TAN, MD, Yoke Y 152 S 32nd St Camp Hill PA 17011	PD	WOLDORF, MD, Norman M 1043 Mumma Rd Wormleysburg PA 17043	OTO	BARR, MD, Richard G 15th&Upland Ave Ste 500 Upland PA 19015	PO	CAMP, MD, Mark O 842 E Chester Pike Ridley Park PA 19078	IM	DEPROPHETIS, MD, Rocco I 501 N Providence Rd #515 Media PA 19063	OBG
TANTUM, MD, Kermit R Hershey Med Ctr Hershey PA 17033	AN	WOLFE, MD, William F 890 Poplar Ch Rd Ste 104 Camp Hill PA 17011	GS	BATIPPS JR, MD, Percy O 920 Yarnall St Chester PA 19013	FP	CAREY, MD, William B 319 W Front St Media PA 19063	PD	DESANTIS, MD, Donald 204 East Chester Pike Ridley Park PA 19078	GS
TAYLOR III, MD, James S 98 Plymouth Cir Hershey PA 17033	FP	WON, MD, Kwan H Rd 4 Bx 318 A Mechanicsburg PA 17055	GS	BECKWITH, MD, William R 433 Burmont Rd Drexel Hill PA 19028	IM	CARLSON, MD, Eric J 4 Kathleen Ct Havertown PA 19083	OTO	DESIMONE, MD, Gregory G Ema 15th & Upland Ave Chester PA 19013	IM
TEICH, MD, Kannath W 247 Yorktown Rd Hershey PA 17033	OBG	WOODCOCK, MD, Charlea W 2814 Green St Harrisburg PA 17110	IM	BEDROSSIAN, MD, E Howard 4501 State Rd Drexel Hill PA 19028	OPH	CARLUCCI, MD, Ronald J 721 Winchester Rd Broomall PA 19008	GS	DIAMOND, MD, Sidney J 138 Lookout Point Dr Oaprey FL 33559	FP
THOMAS, MD, Chester G 1515 N Front St Harrisburg PA 17102	IM	YARNALL, MD, G Winfield 1192 Lowther Rd Camp Hill PA 17011	IM	BELL, MD, Randall W 200 Eagle Rd Wayne PA 19087	OPH	CARSON, MD, Charlea P 514 Brookfield Rd Drexel Hills PA 19028	PTH	DIGIACOMO, MD, Altrad M 838 Stenton Pl Ocean City NJ 08228	FP
TRAUTLEIN, MD, Joseph J 6430 Colchester Ave Harrisburg PA 17111	IM	YATES, MD, James A 797 Poplar Church Rd Camp Hill PA 17011	PS	BENDER JR, MD, Frank C 24 S 69th St Upper Darby PA 19082	PD	CELANI, MD, Victor J Ccmc Prot Bldg Ste 101 Chester PA 19013	GS	DIGIOVANNI, MD, Anthony J 751 Dunwoody Dr Springfield PA 19084	GS
TRAVISANO, MD, Frank J 2247 N Front St Harrisburg PA 17110	TS	YUCHA, MD, Thomas J 875 Poplar Church Rd Camp Hill PA 17011	ORS	BENNETT, MD, John A 108 Bella Dr Broomall PA 19008	IM	CELLINI, MD, L Luke 4225 Edgmont Ave Brookhaven PA 19015	FP	DIGIOVANNI, MD, Robert J Ccmc Prot Bldg Ste 101 Chester PA 19013	GS
TRIANO, MD, Gene J 1501 N Front St Harrisburg PA 17102	R	ZAINO, MD, Richard J Hershey Med Ctr Pth Dpt Hershey PA 17033	PTH	BERD, MD, Irvin B 2216 Hillaide Rd Arden DE 19810	FP	CHEN, MD, Chien Lankens Med Bldg-233 Philadelphia PA 19151	GS	DILIBERTO, DO, Thomas A 242A Chunning Dr Rd 2 Malvern PA 19355	R
TRISTAN, MD, Theodore A Polyclinic Med Ctr Harrisburg PA 17105	R	ZAMBARANO, MD, Thomas J 1501 N Front St Harrisburg PA 17102	R	BERNETT, MD, Gary B 2929 Garrett Rd Drexel Hill PA 19028	IM	CHERNOFF, MD, Robert W 8 Morton Ave Ridley Park PA 19078	IM	DIWAN, MD, Kanta 4 Briarwood Ln Mid Twncp Media PA 19063	FP
TRUMP, MD, David H Polyclinic Med Ctr Harrisburg PA 17105	FP	ZELIS, MD, Robert F Hershey Med Ctr Med Dept Hershey PA 17033	IM	BEVILACQUA JR, MD, Dante J 224 Macdade Blvd Milmont Park PA 19033	OBG	CHODOFF, MD, Richard J Havertown Gen Hosp Havertown PA 19083	GS	DODDS, MD, Harold T Lankenau Bldg-133-134 Philadelphia PA 19151	OPH
TURSKY, MD, Rosemaria J 1000 N 2nd St Harrisburg PA 17102	PD	ZEMO, MD, Peter 63 E Main St Middletown PA 17057	FP	BHATT, MD, Anjali G 4 Patterson Place Newtown Sq PA 19073	PTH	CHOGICH, MD, John C 417 E 22nd St Chester PA 19013	R	DOHERTY, DO, John M 5000 Chichester Ave Aston PA 19014	FP
TZANIS, MD, Louca C 501 N 2nd St Harrisburg PA 17101	IM	ZERBE, MD, Grovar F 1822 Market St Camp Hill PA 17011	FP	BHATT, MD, Gaurang P 4 Patterson Place Newtown Sq PA 19073	N	CIANCILLI, MD, Francis D 1078 W Baltimora Pike Media PA 19063	IM	DOMAN, MD, Robert J 2 Lakewood Dr Media PA 19063	PM
ULRICH, MD, Richard G R D #3 Fairfield 39 Harrisburg PA 17112	GS	ZIMMERMAN, MD, David S 901 Allison Ave Mechanicsburg PA 17055	FP	BIALAS, MD, Robert F 1018 Ponce De Leon Ste 2 Belleair FL 33518	PS	CLARE, MD, Henry E Institute Pa Hosp Philadelphia PA 19139	P	DOMINGO, MD, Orville H 830 Morris Lane Wallington PA 19088	GS
ULRICH, MD, Samuel D 3420 Derry St Harrisburg PA 17111	FP	DELAWARE		BICHARA, MD, Wahib M 317 Earles Ln Newtown PA 19073	R	CLARK, MD, James E 5 Wellesley Rd Swarthmore PA 19081	IM	DORFMAN, MD, Murray L 1001 City Ln Av Ec103 Philadelphia PA 19151	FP
VANNUCCI, MD, Robert C M S Hershey Med Ctr Hershey PA 17033	N	ABELLA, MD, Romeo S 2508 Cranston Rd Philadelphia PA 19131	IM	BILANIUK, MD, Larissa T 100 Plush Mill Rd Wallington PA 19088	R	CLARKE, MD, Frank S 1295 N Providence Rd Media PA 19063	R	DOUGHERTY, MD, Michael J 239-42 Lankenau Med Bldg Philadelphia PA 19151	IM
VARANO, MD, Lottia A Mah Med Ctr Dapt Rad Hershey PA 17033	R	ABRAMSON, MD, John 231 Lankenau Med Bldg Philadelphia PA 19151	IM	BIXBY JR, MD, Edward W 2241 Garrett Rd Drexel Hill PA 19028	IM	CLELAND, MD, James W 327 Wendy Lane Waverly OH 45690	PD	DUCKETT, MD, James E 80 Windermere Ave Lansdowne PA 19050	AN
VIOLAGO, MD, Eduardo S 709 Robert St Mechanicsburg PA 17055	PM	ALDERFER, MD, Gill R 8 Morton Ave Ridley Prk PA 19078	OBG	BLAKE, MD, Paul O 273 N Lansdowne Ave Lansdowne PA 19050	FP	CLEVELAND, MD, Albert F 815 Morgan Ave Drexel Hill PA 19026	OPH	DUNN, MD, James W 3400 Garrett Rd Drexel Hill PA 19028	FP
WAGNER JR, MD, Thomas E 2448 Walnut St Harrisburg PA 17101	IM	ALDERFER, MD, Kenneth G 225 E 24th St Chester PA 19013	IM	BLANNETT, MD, John D 10 Longview Dr Thornton PA 19373	IM	COFFEY, MD, Jesse O 483 Burmont Rd Drexel Hill PA 19026	FP	EBERLY, MD, David E 31 Dartmouth Circle Swarthmore PA 19081	IM
WALDHAUSEN, MD, John A 500 Univ Dr Hershey PA 17033	GS	ALEXANDER, MD, Charles M 930 W Sproul Rd Springfield PA 19064	OPH	BLEEDEN, MD, Edward M 504 S 28th St Philadelphia PA 19148	FP	COHEN, MD, Mark L 9th & Potters Ste Chester PA 19013	PD	EGBERT, MD, E Wayne 511 Oakcrest Lane Wallington PA 19088	R
WALLENDJACK, MD, John C 501 N Second St Harrisburg PA 17101	IM	ALIKAKOS, MD, Louis C 34 William Rd Havertown PA 19041	P	BLEIER, MD, Adolph H 401 E 13th St Chester PA 19013	D	COLOMBO, MD, James L 4225 Edgmont Ave Brookhaven PA 19015	PS	EICHNER, MD, Lambert G 7 Davis Ave Broomall PA 19008	IM
WALTZ, MD, Paul K 890 Poplar Ch Rd Ste 102 Camp Hill PA 17011	GS	ALLEN JR, MD, Samuel D 510 W Darby Rd Havertown PA 19083	U	BLIZZARD, MD, John J 30 S Providence Rd Wallington PA 19064	IM	CONDON, MD, Robert H Crozer Chester Med Ctr Chester PA 19013	PM	ELICKER, MD, John E 291 Aronimink Dr Newtown Sq PA 19073	FP
WARD, MD, Samuel P 28 Primrose Dr Hershey PA 17033	PTH	ANNESLEY JR, MD, William H 135 Lankenau Med Bldg Philadelphia PA 19151	OPH	BLOCKLYN, MD, Maurice J School Lane Rose Valley Moylan PA 19065	R	CONNER, MD, J Hubert 415 E 22nd St Chester PA 19013	ORS	EMANUEL, MD, E Stephen 711 Elena Dr Broomall PA 19008	OBG
WASSNER, MD, Steven J Hershey Med Ctr Pd Dapt Hershey PA 17033	PD	ANTONIADES, MD, Kristina E Crozer-Chester Med Ctr Chester PA 19013	PTH	BOGDANOFF, MD, Bruce M Crozer-Chester Med Ctr Chester PA 19013	N	CONSTABLE, MD, G Robert 850 W Chester Pike Havertown PA 19083	IM	ERB JR, MD, William H 15 Morton Ave Ridley Park PA 19078	GS
WATKIN JR, MD, Walter B 2845 N 3rd St Ste 230 Harrisburg PA 17110	IM	ARMAO, MD, Joseph J 557 E Springfield Ave Springfield PA 19064	FP	BOLMARCICH, MD, Virginia D 1208 Wilde Ave Drexel Hill PA 19026	R	CONTINO, MD, John A 1410 Edgevale Rd Overbrook Hills PA 19151	IM	ERB, MD, William H 15 Morton Ave Ridley Park PA 19078	GS
WEBER, MD, George W 618 W High St Hummelstown PA 17036	P	ARMITAGE, MD, Harry V Prot Bldg Ste 406 Ccmc Chester PA 19013	GS	BOMHEUER, DO, Elizabeth H 2411 West Chaater Pike Broomall PA 19008	PM	COOK, MD, Donald H Path Dept Lankenau Hosp Philadelphia PA 19151	PTH	EREMUS, MD, Joseph L 724 Newtown Rd Villanova PA 19085	ORS
WEIDNER, MD, William A Hershey Med Ctr Hershey PA 17033	R	ARMSTRONG, MD, Schuyler S 7100 Marshall Rd Upper Darby PA 19082	IM	BOOR, MD, John W Dela Co Med Ctr Broomall PA 19008	N	COOK, MD, William L 303 Governor S Dr Wallington PA 19086	FP	ESPOSITO, MD, John C 226 E Springfield Rd Springfield PA 19064	IM
WEIGEL, MD, Jesse A 265 E Lauer Lane Camp Hill PA 17011	FP	ARORA, MD, Sat P 15th & Upland Ave #303 Chester PA 19013	IM	BRANDFASS, MD, William T 415 E 22nd St Chester PA 19013	ORS	COOPER JR, MD, E Newbold Orchard Lane Wallington PA 19086	AN	ETZEL, MD, Conrad A 38 Todmorden Dr Wallington PA 19088	OBG
WEINSTEIN, MD, Joel M Hershey Med Ctr Oph Dpt Hershey PA 17033	OPH	AROUH, MD, Albert Indian Creek Rd Wynnewood PA 19151	R	BRANELLA, MD, Anthony F 848 Child Ave Drexel Hill PA 19028	IM	COOPER, MD, Joseph H 7 Myrtle Ave Havertown PA 19083	PTH	EVERLOF, MD, Sherman W Box 250 Springfield PA 19064	OBG
WEINSTEIN, MD, Lee 3530 Green St Harrisburg PA 17110	OTO	ARSHT, MD, Edwin D 3909 State Rd Drexel Hill PA 19028	FP	BRASLOW, MD, William H 1078 Baltimore Pk Medis PA 19063	IM	COYLE, MD, William A 415 E 22nd St Chester PA 19013	ORS	FADIL, MD, Alexander E 201 4th St Clifton NJ 07011	OTO
WEITEKAMP, MD, Michael R 570 Overview Dr Rd #3 Hummelstown PA 17036	IM	ASCANIO, MD, Guido 850 West Chester Pike Havertown PA 19083	FP	BRILL, MD, Joseph M 1728 Edgmont Ave Chester PA 19013	FP	CRIDEN, MD, Louis E Ccmc 200 Prot Off Bldg Chester PA 19013	OBG	FALGUERA, MD, Dominador O 2285 N Providence Rd Media PA 19063	PD
WENGERT, MD, Paul A 2447 N 3rd St Harrisburg PA 17110	GS	AUERBACH, MD, Paul S 1 Buttonwood Sq Apt 5C Philadelphia PA 19130	EM	BROD, MD, Robert C Media Clinic Media PA 19063	IM	CROCKETT, MD, Barbara A 34 Meadow Ln Havertown PA 19041	P	FANNING, DO, John M 25 Chester Pike Ridley Park PA 19078	FP
WERTIME, MD, Clara G 829 Ohio Ave Lemoine PA 17043	PD	AXELMAN, MD, Edward L 437 Main St Darby PA 19023	OTO	BROOKS JR, MD, Clint E 15th & Upland Ste 207 Chester PA 19013	GS	CROTHERS, MD, W Gifford 520 N Lemon St Media PA 19063	ORS	FAUST, MD, Elizabeth B 140 Marple Rd Havertown PA 19041	P
WETMORE, MD, Stanley M 809 Market St Box 331 Lemoine PA 17043	IM	BAKER JR, MD, Arthur G 9 Ogden Ave Swarthmore PA 19081	GS	BROOKS, MD, Hopa W Delaware Co Med Ctr Broomall PA 19008	PD	CURLIK, DO, Sharon M 4098 Balwynne Pk Rd Philadelphia PA 19131	EM	FEDERMAN, MD, Jay L Lankenau Med Bldg 102 Philadelphia PA 19151	OPH
WHEELER, MD, Glen N 3805 Crooked Hill Rd Harrisburg PA 17102	PD	BAKER, MD, Arthur G 8 Morton Ave Ridley Park PA 19078	IM	BROWN, MD, Elizabeth B 207 Turner Rd Wallington PA 19088	IM	DALRYMPLE, MD, W Howard 224 N Providence Rd Wallington PA 19088	FP	FEINGOLD, MD, Joseph L 15th & Upland St Ste 408 Chester PA 19013	GS

FINNESON, MD, Bernard E Crozer-Chester Med Ctr Chester PA 19013	NS	GORBY, MD, Chariss K 138 Brookline Blvd Havertown PA 19083	IM	IVINS, MD, J Leonerd 1721 Sue Ellen Dr Havertown PA 19083	P	KLAVAN, MD, Marshall Crozer-Chester Med Ctr Chester PA 19013	OBG	LESAR, MD, James F 478 Hawarden Rd Springfield PA 19064	IM
FIRPO JR, MD, John J 850 W Chester Pk Havertown PA 19083	IM	GORDON, MD, Joseph S 4017 Garrett Rd Drexel Hill PA 19026	IM	IVINS, MD, Joseph L Ccmc 401 Prot Bldg Upland PA 19013	GS	KLINE, MD, Irwin K Lenkenau Hosp Philadelphia PA 19151	PTH	LEUNISSEN, MD, Reinhard L Riddle Mem Hcc #209 Media PA 19063	IM
FITZMAURICE, MD, John W 785 Concord Ave Drexel Hill PA 19028	FP	GORRY, MD, Samuel P 15th St & Upland Ave Chester PA 19013	OS	IVINS, MD, Samuel P 19th And Providence Chester PA 19013	P	KLINE, MD, Tilde S Lenkenau Hosp Philadelphia PA 19151	PTH	LEUTE, MD, Millard S 1800 Arch St Philadelphia PA 19101	OS
FITZPATRICK, MD, Mercia A 17 Diene Dr Broomall PA 19008	PS	GOYNE, MD, Ruth G 228 Eubank Dr Hendersonville N C 28739	FP	JACKSON, MD, Paul W 2112 Providence Ave Chester PA 19013	OTO	KLINEFELTER, MD, Hylde C 80 S Ivy Ln Glen Mills PA 19342	OBG	LEVIN, MD, Simon 2500 Edgmont Ave Chester PA 19013	OBG
FITZPATRICK, MD, Ruthann P Crozer Chester Med Ctr Chester PA 19013	IM	GRANT, MD, B David Delaware Co Med Ctr Broomell PA 19008	ORS	JACOBS, MD, Mark 129 Lori Lane Broomall PA 19008	IM	KNOWLES, MD, Willard E 7200 Pine St Upper Derby PA 19082	FP	LEVY, MD, Edwin J 85 N Lansdowne Ave Lansdowne PA 19050	D
FLANAGAN, MD, Joseph C 135 Lenkenau Med Bldg Philadelphia PA 19151	OPH	GREEN, MD, Lawrence 315 Maple Ave Swarthmore PA 19081	N	JAEGER, MD, Edward A 240 E Rose Tree Rd Media PA 19063	OPH	KODUMAL, MD, Luis E 1245 Jefferson Ave Woodlyn PA 19094	IM	LEWIS, MD, Stuart H 2050 W Chester Pike Havertown PA 19083	ORS
FORNASIER, MD, Louis S 1015 Groveland Ave Somers Point NJ 08244	FP	GREENWALD, MD, Joseph 1130 Mein St Derby PA 19023	FP	JALALI, MD, Menoucher 238-A Concord Rd Aston PA 19014	GS	KOHLER, MD, Fritz P 314 Avon Road Bryn Mawr PA 19010	U	LIBERACE, MD, Ettore V Secord Heart Hosp Chester PA 19013	PTH
FORNWALT, MD, George R 47 Copley Rd Upper Derby PA 19082	OBG	GROVERMAN, MD, Lester J 107 N Drexel Ave Havertown PA 19083	FP	JAMALI, MD, Ammar A 107 B Baltimore Pike Media PA 19063	IM	KOTYA, MD, John A Delaware Co Hoap Drexel Hill PA 19028	FP	LIBERI, MD, Altred A 209 Dogwood Ln Wallingford PA 19086	R
FOULK JR, MD, Morris 20 Springfield Rd Alden PA 19018	FP	GUARINI, MD, Pesquele B 382 Avon Rd Upper Derby PA 19082	FP	JAYANTI, MD, Subberao 1250 Providence Rd #124A Secane PA 19018	AN	KOZIN, MD, William Delaware Co Med Ctr Broomall PA 19008	FP	LICHTENBERG, MD, Richard A 31 Glenbrook Rd Ardmore PA 19003	IM
FOX, MD, Roger E Beatty & Providence Rds Media PA 19063	IM	GUIRGUIS, MD, Morris F 9 N Concord Ave Havertown PA 19083	IM	JENKINS, MD, Timothy F 25 Chester Pike Ridley Park PA 19078	FP	KRACKOW, MD, Joel A 107 Brent Dr Wallingford PA 19086	IM	LILLEY, MD, George W Ringfield 5 Ring Rd Chedd Ford PA 19317	IM
FRANK, MD, Berbere B Crozer-Chester Med Ctr Chester PA 19013	IM	GUMINA, MD, Thomas F 2050 W Chester Pike Havertown PA 19083	IM	JOHNSON III, MD, H John 224 N Providence Rd Wallingford PA 19086	ORS	KRAIN, MD, Raymond City Line & Lanc Ave Philadelphia PA 19151	D	LIM, MD, Osmundo U 5 Stephens Green Glen Mills PA 19342	FP
FREELAND, MD, George R 454 Glenmary Lane St Davids PA 19087	IM	HADFIELD JR, MD, William A 5201 Township Line Rd Drexel Hill PA 19026	IM	JOHNSON, MD, Norman L 724 Ashuest Rd Havertown PA 19083	IM	KRALL, MD, J Thomas 85 N Lansdowne Ave Lansdowne PA 19050	OPH	LINCOFF, MD, William 317 E 9th St Chester PA 19013	OPH
FRIEDMAN, MD, Donel 1802 Weverly Street Philadelphia PA 19146	IM	HALL, MD, Robert L 414 Mill Rd Havertown PA 19083	FP	JONES, MD, J Albright 303 Elm Ave Swarthmore PA 19081	PD	KRAUSZ, MD, Mercos 602 Pine Ridge Rd Media PA 19063	AN	LINTZMEYER, MD, Emil A 5 Yermouth Lane Media PA 19063	FP
FULLER, MD, Herry B 6800 Beatty Dr #0-303 Irwin PA 15842	FP	HALTRECHT, DO, Leonard Del City Med Ctr Broomall PA 19008	FP	JONES, MD, Robert K 115 Lenkenau Med Bldg Philadelphia PA 19151	NS	KRISTO, MD, Bela A 5 Pilgrim Lane Drexel Hill PA 19026	PD	LIPCIUS, MD, Frenk 1401 Lincoln Ave Prospect Park PA 19078	FP
FURIA, MD, Fredrick A 21 Marple Rd Haverford PA 19041	IM	HANES, MD, Robert B 3001-A Garrett Rd Drexel Hill PA 19026	FP	JURNOVOY, MD, Joel B Delaware Co Med Ctr Broomall PA 19008	D	KRISTO, MD, Catherine V 5 Pilgrim Lane Drexel Hill PA 19028	AN	LISTA, MD, William A 5735 Ridge Ave Philadelphia PA 19128	IM
FURIA, MD, Robert 1900 Gerrett Rd Lansdowne PA 19050	IM	HARRER, MD, Daniel C Lenkenau Med Ctr Ste 4303 Philadelphia PA 19151	OBG	KAIN, MD, Thomas M 111 Long Lane Upper Derby PA 19082	IM	KURTZ, MD, Micheel B Elwyn Institute Elwyn PA 19063	PD	LITTMAN, MD, Solomon I 527 Wynlyn Rd Wynnewood PA 19096	P
GAARY, MD, Alvin E 320 Cherry Ln Wynnewood PA 19096	AN	HARRIS, MD, Max 201 Westbrook Dr Clifton Hgts PA 19018	PD	KANE, MD, Joen D 2235 Gerrett Rd Drexel Hill PA 19026	IM	KUTNEY, MD, Francis G 238A Concord Rd Aston PA 19014	GS	LOFARO, MD, Selvetore A 850 W Chester Pk Havertown PA 19083	IM
GABROY, MD, Allen S 204 E Chester Pike Ridley Park PA 19078	FP	HARSHAW JR, MD, Edward 322 N Lansdowne Ave Lansdowne PA 19050	PD	KANE, MD, Wm M 29 Glendele Ave Upper Derby PA 19082	OBG	KWAPIEN, MD, Frederic J Providence-Beatty Rds Media PA 19063	P	LONDON, MD, Gledys Z 19th And Providence Ave Chester PA 19013	FP
GALATI, MD, Victor G 431 Doe Run Lane Springfield PA 19064	IM	HARTFORD, MD, Charles E Crozer Chester Med Ctr Chester PA 19013	GS	KANNAN, MD, Veidehi Lenkenau Hosp Pth Dept Philadelphia PA 19151	PTH	LACAVARO, MD, Jules A 931 Hunt Rd Broomell PA 19008	IM	LOPRETE, MD, Frederick P 309 Shadeland Ave Drexel Hill PA 19028	IM
GALIA, MD, Joseph H 86 W 22nd St Avalon NJ 08202	FP	HATTON, MD, Duncen S 205 Sycamore Ln Wallingford PA 19086	OTO	KAPADIA, MD, Dilip L 1250 Eagle Rd West Chester PA 19380	R	LACHMAN, MD, Joseph 128 E 15th St Chester PA 19013	PD	LOPUSNAK, MD, Mieczyslaw S Lankensu Med Bldg Philadelphia PA 19151	IM
GARLICH, MD, Richard W 218 N Menoe Rd Havertown PA 19063	OTO	HAYES, MD, Merrill B Ross Neck 114 Rd 3 Cambridge MD 21613	OTO	KAVJIAN, MD, Edward M 2050 W Chester Pk Havertown PA 19083	U	LAKOFF, MD, Kenneth M Crozer Chester Med Ctr Chester PA 19013	OBG	LUCENA, MD, Aurora L 340 Tower Ln Narberth PA 19072	AN
GARRETT, MD, William F Rd 1 Box 340 Melvern PA 19355	EM	HECKSHER, MD, Rudolph H 4100 Edgmont Ave Chester PA 19015	GS	KEAGLE, DO, Douglas L 7100 Marshall Rd Upper Derby PA 19082	IM	LAMBICHI, MD, Merike E 222 Mocking Bird Trail Palm Bch FL 33480	OBG	LUCENA, MD, Ernesto E 1900 S Broad St Philadelphia PA 19145	R
GARTNER JR, MD, William S Rd 2 Box 90 D Chedd Ford PA 19317	OTO	HENDRICKSON, MD, Frenk O 108 Norfolk Rd Jupiter FL 33458	US	KEARNEY, MD, Martin J 701 W Chester Pike Havertown PA 19083	FP	LANGAN 3D, MD, E Lawrence Lenkenau Hosp Philadelphia PA 19151	OBG	LUCIER, MD, Alfred C 30 Hampden Rd Upper Derby PA 19082	OPH
GARTNER, MD, William S 2325 Mec Dade Blvd Holmes PA 19043	FP	HEUERMAN, MD, Robert P 332 S State St Ephrata PA 17522	GS	KEILANY, MD, Beshar 320 Orchard Wey Merion Stetion PA 19088	IM	LASKA, MD, Edward M 215 Hansell Rd Newton Square PA 19073	IM	LUONGO, MD, Joseph C 7100 Marshall Rd Upper Derby PA 19082	PD
GAWCHIK, DO, Sandre M Crozer Chester Med Ctr Chester PA 19013	PD	HIMMELSTEIN, MD, Eugene Lawrence Park Medical Ct Broomall PA 19008	FP	KELLY JR, MD, John J 239 42 Lenkenau Med Bldg Philadelphia PA 19151	IM	LASKAS, MD, John J 15th & Upland Ave Chester PA 19013	D	LYNCH, MD, Joseph S 445 Riverview Rd Swarthmore PA 19081	OPH
GERSON, MD, Leroy T 440 Hevertord Rd Wynnewood PA 19098	IM	HINTON, MD, Drury 50 Pilgrim Ln Drexel Hill PA 19026	GS	KELLY, MD, Edward A State Rd-Addington Ave Drexel Hill PA 19026	FP	LAVER, MD, Arthur T Ste 203 Ccmc Prot Bldg Upland PA 19013	OBG	MAGUIRE, MD, Joseph I 29 Glendale Rd Upper Derby PA 19082	OBG
GEVJAN, MD, Armen H 134 S State Rd Upper Derby PA 19082	FP	HIRSH, MD, S Jay 1248 Middletown Rd Glen Mills PA 19342	OBG	KELLY, MD, James J 20 N 9th St Derby PA 19023	FP	LAWRENCE, MD, John W 1078 W Baltimore Pk Media PA 19063	IM	MAGUIRE, MD, Leo J 7100 Marshall Rd Upper Derby PA 19082	U
GIBSON, MD, William B 907 Heethdele Lane Wallingford PA 19086	D	HITCHNER, MD, Lewis C Ccmc Prot Bldg-Ste 400 Chester PA 19013	AN	KELLY, MD, John L State & Sproul Rds #100 Springfield PA 19064	P	LAWRENCE, MD, Theodore 808 Galer Dr Newtown Sq PA 19073	IM	MAIORIELLO, MD, Joseph J 7100 Marshall Rd Upper Derby PA 19082	PD
GILL, MD, Donald J Mercy Catholic Med Ctr Derby PA 19023	P	HOLMS, DO, Berry C 2709 Stoney Creek Rd Broomall PA 19008	IM	KELSEY, MD, David M 6 Gunning La Gladwyne PA 19035	GS	LAZORIK, MD, Francis C 3309 Chatham Pl Media PA 19063	D	MANN, MD, Irving A 3309 Edgmont Ave Brookhaven PA 19015	OBG
GILLIGAN, MD, Frenk P 12 E Township Line Rd Havertown PA 19083	FP	HOLST, MD, Hezel I 401-S Chester Rd Swarthmore PA 19081	PS	KENNEDY, MD, Patrick J 32 Hampden Rd Upper Derby PA 19082	OPH	LECHER, MD, Robert C 425 E Baltimore Pk Media PA 19063	FP	MANNELLA, MD, William J 204 E Chester Pike Ridley Park PA 19078	GS
GILMORE JR, MD, Hugh R 405 Moreland Road Wallingford PA 19086	PTH	HOLSTEIN, MD, James J 884 W Rolling Rd Springfield PA 19064	R	KEPLER JR, MD, Welter E 100 Lxington Ave Havertown PA 19083	FP	LECHER, MD, Wellece O Box 12 R D 2 Glen Mills PA 19342	U	MANSURE, MD, Frenk T 897 Matsons Ford Rd Villanova PA 19085	PRM
GIORDANO, MD, Anthony J 135 Lafayette Rd Rd 3 Coatesville PA 19320	R	HOULIHAN, MD, Cert T 819 Gatemore Rd Bryn Mewr PA 19010	OTO	KEPLER, MD, Furman T 410 Psalm Island S E Clearwater FL 33515	FP	LECHMAN, MD, Michael J 207 Bryn Mewr Med Bldg Bryn Mewr PA 19010	FP	MANSURE, MD, Patricia R 1420 Locust St Apt 79 Philadelphia PA 19102	R
GLADSTONE, MD, Julian L Delaware Co Med Ctr Broomall PA 19008	IM	HSIEH, MD, Yehchiu 500 Dwn Lsns Bryn Mewr PA 19010	PD	KESSLER, MD, Rex K 241 Nob Hill Malvern PA 19355	FP	LEE, MD, Charles Y 3405 Stete Rd Drexel Hill PA 19026	FP	MARCH, MD, Noreen M 272 N Lansdowne Ave Lansdowne PA 19050	IM
GO, MD, Josephine L 204 N Lexington Ave Havertown PA 19083	AN	HUBSHER, MD, Jerome A 1701 Tyson Rd Havertown PA 19083	PD	KESSLER, MD, Woodrow B 401 Moore Rd Wallingford PA 19088	IM	LEE, MD, Kenneth K Hevertord Comm Hosp Havertown PA 19083	PTH	MARCHANT, MD, Detorrest W 401 Lenkenau Med Bldg Philadelphia PA 19151	OBG
GOESER, MD, Eugene 72 Dutton Mill Rd Malvern PA 19355	IM	HUMMER JR, MD, Charles D 415 E 22nd St Chester PA 19013	ORS	KHOURY, MD, Jacques A 2710 Township Line Rd Upper Derby PA 19082	IM	LEHMAN, DO, Gregory M 213 Park Dr Glenolden PA 19036	IM	MARGULIES, MD, Milton Lenkenau Hospital Philadelphia PA 19151	R
GOLD, MD, Herman 510 N Lemon St D-9 Media PA 19063	IM	HURLEY, MD, Herry J 39 Copley Rd Upper Derby PA 19082	D	KIEL, MD, Steven M 28 Penny Lane Baltimore MD 21209	N	LEISE, MD, Eleonor O Lenkenau Med Bldg Philadelphia PA 19151	OBG	MARINO, MD, Daniel J Crozer-Chester Med Ctr Chester PA 19013	IM
GOLDMAN, MD, Arthur 315 S Chester Pike Glenolden PA 19036	IM	HUSHION, MD, Wm F 437 Springfield Rd Springfield PA 19064	FP	KIMMEL, MD, Henry A Media Clinic Media PA 19063	IM	LEITNER, MD, Stephen J 4836 Hazel Ave Philadelphia PA 19143	EM	MARTIN, MD, Joen L 4216 Spruce St Philadelphia PA 19104	P
GOLDMAN, MD, Richard J Cerr House 1 Arthur Ct Wallingford PA 19088	IM	IOZZI, MD, Louis 6 Morton Ave Ste 305 Ridley Park PA 19078	U	KIRCHHOFFER, MD, Lewis H 18 E Woodland Ave Springfield PA 19064	FP	LEMAN, MD, William W 208 Bellymore Rd Springfield PA 19064	FP	MARVIN, MD, Robert F 433 Burmont Rd Drexel Hill PA 19028	IM
GOODMAN, MD, William H 919 Edgmont Ave Chester PA 19013	IM	ISAJIW, MD, George 7012 Penarth Ave Upper Derby PA 19082	IM	KITCHEN 3D, MD, James G 239 42 Lenkenau Med Bldg Philadelphia PA 19151	IM	LEOPOLD, DO, Norman A Crozer Chester Med Ctr Chester PA 19013	N	MAYO, MD, Edith A 800 E Cathedral Rd Philadelphia PA 19128	FP

MCALDER, MD, David J 410 Township Line Rd Hevartown PA 19083	GS	OHANISSIAN, MD, Hanrick G 28 Wiltshire Rd Greenhill Farms PA 19151	IM	RODRIGUEZ, MD, Hugo F P O Box 428 Kimberton PA 19442	R	SMITH, MD, Edgar C 7100 Marshall Rd Upper Darby PA 19082	IM	TURNER, MD, J Ellis 10 Schevert St Chester PA 19014	FP
MCCADDEN, MD, Joseph A 613 Morris Lane Wallingford PA 19086	FP	ONEILL, MD, John J 710 Long Lane Upper Darby PA 19082	FP	ROOKLIN, MD, Anthony R 70 Chapel Hill Rd Media PA 19063	PD	SMITH, MD, J Winslow 824 Coventry St Boca Raton FL 33432	US	UNGAR-SARGON, MD, Julian Y Sutlon Terrace Bals Cynwyd PA 19008	N
MCCLELLAN, MD, R Michael 419 E 22nd St Chester PA 19013	PS	PAPOLA, MD, Gino G 7 Englewood Rd Upper Darby PA 19062	FP	ROSEN, MD, Bruce J 25 Ramblewood Dr Wilmington DE 19810	OBG	SMITH, MD, Maris B Box 292 Concord Rd #2 Glen Mills PA 19342	UN	UZYCH, MD, Walter 103 Canterbury Dr Wallingford PA 19086	OTO
MCCUTCHEON, MD, Charles T 8114 West Chester Pike Upper Darby PA 19082	FP	PARISI, MD, Erika F 633 Childs Ave Drexel Hill PA 19026	AN	ROSEN, MD, Leonard 15th And Upland Chester PA 19013	FP	SMITH, MD, Robert A Crozer-Chester Med Ctr Chester PA 19013	FP	VACCARO, MD, Vincent M Lankenau Med Bldg Philadelphia PA 19151	OBG
MCCEE JR, MD, Joseph P 1300 Manor Rd Yeadon PA 19050	AN	PARK, MD, Pum K 500 E 77th St Apt 931 New York NY 10162	GS	ROSENBERG, MD, Frank 1410 Upland St Chester PA 19013	IM	SMITH, MD, William D 212 French Road Fpg Newtown Sq PA 19073	CRS	VAKIL, MD, Hassan C Po Box 803 Media PA 19063	GS
MCKEE, MD, Edward T 450 Long Lane Upper Darby PA 19082	FP	PARRY, MD, Peter V 5201 Twp Line Rd Drexel Hill PA 19026	IM	ROSENFELD, MD, Ronsld N 225 Foxcroft Rd Broomall PA 19008	ORS	SMOCK, MD, Richsd A 3503 San Ralsel Ct Springfield PA 19064	IM	VALENTEEN, MD, John W 1078 W Bellmore Pk Media PA 19063	IM
MCKNIGHT, MD, Lancesas P O Box 43 Media PA 19063	FP	PARSIA, MD, Keykhoskow S 1078 West Bstlmore Pk Media PA 19063	P	ROXBV, MD, Harold C 5369-3D Algarrobo Lsguna Hills CA 92653	FP	SNYDER, MD, Albert J Barr & Hillview Rds Malvern PA 19355	PRM	VALLE, MD, Edgar O 39 N Green Acre Dr Cherry Hill NJ 08003	GS
MCLAUGHLIN, MD, Edward 79 N Bayard Ave Woodbury NJ 08096	FP	PATTERSON, MD, Chris 204 Berkley Ave Lansdowne PA 19050	FP	RUBIN, MD, Robert F 2 Concord Rd Darby PA 19023	FP	SOKOL, MD, Joez H 1713 Spruce St Philadelphia PA 19103	EM	VANETT, MD, Bruce B 1974 Spray Rd Broomall PA 19008	ORS
MCLAUGHLIN, MD, John J 35 W Lacrosse Ave Lansdowne PA 19050	OTO	PAULETTO, MD, Ferrel J 409 Lsnkenau Med Bldg Philadelphia PA 19151	IM	RUBIO, MD, Emir W 5 Evergreen Dr Willingboro NJ 18048	FP	SOMMER, MD, John T 339 Lankenau Med Bldg Philadelphia PA 19151	U	VAUGHAN, MD, Ward P 2238 Wilson Blvd Winchester VA 22801	OBG
MCNAMEE, MD, William B 151 Long Lane Upper Darby PA 19082	ORS	PECHIN, MD, Sergius P 430 Sycamore Mills Rd Media PA 19063	GS	RUDNITZKY, MD, Jerome Crozer Chester Med Cntr Chester PA 19013	IM	SORICELLI, MD, Richard R Crozer Cheater Med Ctr Chester PA 19013	IM	VOGEL, MD, Adolph W Box 4 Glen Olden PA 19036	OPH
MELLON JR, MD, Lawrence J Po Box 860 Valley Forge PA 19482	PRM	PIATNEK-LEUNISSEN, MD, Dorothy A Ste 209 Riddle Hlth Ctr Media PA 19063	IM	RUFFINI, MD, John A 25 Chester Pike Ridley Park PA 19078	FP	SPANO, MD, Anselmo V 151 S Springfield Rd Clifton Hghts PA 19018	FP	VOGT, MD, Merle A 2110 Chestnut St Chester PA 19013	OBG
MELODY, MD, M Joseph E19 Woodmont N Route 113 Downtown PA 19335	FP	PLAGATA, MD, Edith M 183 Rambling Way Springfield PA 19064	OBG	RUMSEY, MD, William P 4100 Edgmont Ave Cheater PA 19015	GS	SPENCER, MD, H Newton 2050 W Chester Pike Havertown PA 19083	ORS	WALICHUCK, MD, John G 236 A Concord Rd Aston PA 19014	FP
MELTZ, DO, Richard C Crozer Chester Med Ctr Chester PA 19013	OBG	POMEROY, MD, James M Rd #5 West Chester PA 19380	OPH	RUAYANI, MD, Behruze 2450 Hollywood Blvd Hollywood FL 33020	IM	SPINA JR, MD, Joseph 787 Woodlea Rd Rosemont PA 19010	OPH	WALLACE JR, MD, Joseph 5 N Owen Ave Lansdowne PA 19050	OTO
MIELCAREK JR, MD, Laon M 319 W State St Media PA 19063	OPH	POTE, MD, Harry H 103 E Ridley Ave Ridley Park PA 19078	IM	SALIM, MD, Bozorgmehr 651 Shellbark La Bryn Mawr PA 19010	PTH	SQUADRITO, MD, James F 243 E Woodland Ave Springfield PA 19064	FP	WALLACH, MD, Lawrence 113 Brent Dr Wellingford PA 19086	IM
MILLER, MD, Herman 7516 City Line Ave Philadelphia PA 19151	CRS	POWERS, MD, Donald V 330 Fishers Road Bryn Mawr PA 19010	IM	SALKOWE, MD, Jerry B Elwyn Institute Medis PA 19063	FP	STAFFORD, MD, Cslvin R Crozer Chester Med Ctr Chester PA 19013	N	WANG, MD, George C 40 N Chester Pike Glenolden PA 19036	IM
MILLINER, MD, David H Ste 400-Prof Bldg Ccmc Upland PA 19013	AN	PRESS, MD, Arthur J 525 Prescott Rd Merion PA 19066	R	SANTOPOLO, MD, Anthony C 305 Crescent Hill Dr Havertown PA 19083	FP	STAHLNECKER, MD, C Stephen Chesley Office Campus Media PA 19063	IM	WARD, MD, Edward J 204 E Chester Pk Ridley Park PA 19078	OBG
MILSTEIN, MD, Seymour W 3200 Edgmont Ave Chester PA 19015	FP	PRESTEL JR, MD, Thomas F 850 West Chester Pike Havertown PA 19083	IM	SANTORE, MD, Felice J 103 Long Lane Upper Darby PA 19082	OTO	STAPLES, MD, Herman D Beatty-Providence Rds Media PA 19063	P	WASLEY, MD, Douglas C 1541 Chichester Ave Linwood PA 19061	FP
MITTERLING, MD, Robert C Glendala Rd And Chestnut Upper Darby PA 19082	IM	PRICE, MD, Joseph J 309 Ellia Road Havertown PA 19083	OBG	SCHUEERMANN, MD, Henry A 115 E Twnshp Ln Rd Upper Darby PA 19082	PS	STARER, MD, Larimore J Tylr Hosp Med Bldg 101 Ridley Park PA 19078	OPH	WASSERBLY, MD, Pamela J 1738 Ridgeway Rd Havertown PA 19083	EM
MOORE, MD, Stephen W Taylor Hosp Lab Ridley Park PA 19078	PTH	PURNER JR, DO, William M 245 Hemlock Lane Springfield PA 19064	IM	SCHROTH, MD, Thoms A 205 Martroy Lane Wallingford PA 19088	GS	STARKWEATHER, MD, George A 1001 Pennsylvania Ave Havertown PA 19083	PD	WEBER, MD, George L 2804 N Kent Rd Bromall PA 19008	GS
MORAN JR, MD, John F 933 Alexander Ave Drexel Hill PA 19026	FP	RANKIN, MD, Charles A Ludlow & Heather Rd Upper Darby PA 19082	OPH	SCHUBART, MD, George R 11145 4th St E Treasure Is FL 33706	OTO	STAUB JR, MD, Carl A 185 Mac Dade Blvd Glenolden PA 19036	FP	WEBSTER, MD, Gordon W 238 Westwood Park Dr Havertown PA 19083	IM
MORANZ, MD, Joel G 15th St & Upland Ave Upland Chester PA 19103	OBG	RATNER, MD, Richard R 88 Morton Ave Ridley Park PA 19078	IM	SECUNDA, MD, Steven K 1050 Baltimore Pk Springfield PA 19064	P	STEIN, DO, Jack M Crozer Cheater Med Ctr Chester PA 19013	IM	WEIBEL, MD, Robert E 1001 Pennsylvania Ave Havertown PA 19083	PD
MORGAN, MD, Harry E 2440 N 56th St Philadelphia PA 19131	R	RECH, MD, Frank M 709 Blue Hill Rd Wallingford PA 19086	OBG	SESSO, MD, Anna M 2437 Garrett Rd Drexel Hill PA 19026	PD	STEIN JR, MD, Donald B 3000 Robin Lane Havertown PA 19083	PTH	WEINBERG, MD, Carroll A 281 Indian Creek Rd Philadelphia PA 19151	P
MORLEY, MD, Robert R 411 Sheffield Dr Wallingford PA 19086	OBG	RED, MD, Donald E Box 243 Hillview Rd Malvern PA 19355	R	SETHI, MD, Baljeet S 1250 Providence Rd 84-A Secane PA 19018	N	STORM, MD, Charles T 912 Ridley Creek Dr Media PA 19063	AN	WEINBERG, MD, Richard A 930 W Sproul Rd Springfield PA 19064	D
MORRIS, MD, Richard J 2304 Edgmont Ave Chester PA 19013	FP	REED, MD, Robert C Middletown Rd Gradyville PA 19039	IM	SEYLER, MD, Raymond O 1800 Arch St Philadelphia PA 19101	PRM	SUGAR, MD, Miklos 782 Louise Dr Springfield PA 19064	PD	WEINER, MD, Roger D 8 Morton Avenue Ridley Park PA 19078	IM
MORRIS, MD, Sheldon L Prof Off Bldg Ste 407 Upland PA 19013	OPH	REINA, DO, Vincent S Lawrence Park Shop Ctr Broomall PA 19008	FP	SHAH, MD, Jitendra N 7519 Torresdale Ave Philadelphia PA 19138	PD	SULLIVAN, MD, Edward M 1078 W Baltimore Pk Media PA 19063	OBG	WENTZ JR, MD, Walter E Crum Creek Road Rd 39 Media PA 19063	FP
MUDRICK, MD, David L 521 E 9th St Chester PA 19013	FP	REITANO JR, MD, Joseph F 7 Davis Avenue Broomall PA 19008	IM	SHAH, MD, Renjen R 5000 Chichester Ave Aston PA 19014	OBG	SUNDMAKER, MD, Wilfred K 2193 W Chealer Pk Broomall PA 19008	OTO	WHELAN, MD, Stephen T Ludlow St And Brndon Upper Darby PA 19082	D
MULLER, MD, Otto F T Fitzgerald Mercy Hosp Darby PA 19023	IM	REITSMA, MD, Douglas 3507 Harton Rd Newtown Sq PA 19073	FP	SHARPLESS, MD, Edwin D 15th & Upland Ste 207 Chester PA 19013	GS	TCHONG, MD, Kuo-Liang 24th & Providence Chester PA 19013	IM	WHITAKER, MD, H Craig 280 N Providence Rd Media PA 19063	OBG
MUROFF, DO, Robert E 2 St Albans Ave Newtown Sq PA 19073	FP	RENDIN, MD, Larry J 700 Jackson St Media PA 19063	IM	SHATOUHY, MD, Joseph 7 Elliott Rd Broomall PA 19008	GS	THACKER, MD, Rahul 88 W Essex Ave Lansdowne PA 19050	GS	WHITE, MD, Robert A 712 Darby Rd Havertown PA 19083	OBG
MURPHY, MD, Francis J 2515 Gerrett Rd Drexel Hill PA 19026	FP	RENO, MD, Joseph D 20 Scheivert Ave Aston PA 19014	FP	SHEAFFER, MD, Harold C 8 Clayton Pl Newtown Sq PA 19073	IM	THOMAS JR, MD, James A 415 E 22nd St Chester PA 19013	ORS	WHITMORE, MD, Mason Box 814 State College PA 18801	R
MURPHY, MD, Mary H 864 Valley View Ln Wayne PA 19087	GS	REPICE, MD, Roneld M 1502 Upland St Chester PA 19013	FP	SHERWIN, MD, William K 101 Trent Road Overbrook Hls PA 19151	D	THURMAN, MD, John N 808 University Pl Swarthmore PA 19081	IM	WICKIS, MD, Fred T 940 Chester Pike Sharon Hill PA 19079	FP
NAGLE, MD, Walter W 1037 N Providence Road Media PA 19063	R	RESNICK, MD, Myron E Del Co Med Ctr Broomall PA 19008	IM	SHIELDS, MD, Marshall F Southcroft Farm Springfield PA 19064	P	TOBIA, MD, Enio W 814 Clifton Ave Collingdale PA 19023	FP	WIDDOWSON, MD, Harold R 132 Seminole Ave Norwood PA 19074	AN
NEAL, MD, Hunter S 344 Lankenau Med Bldg Philedelphia PA 19151	GS	RHOOD, MD, Samuel G Ccmc Prof Bldg-Ste 400 Cheater PA 19013	AN	SHORE, MD, Paul D 201 Wembly Rd Upper Darby PA 19082	FP	TOLHURST, MD, Kirk D 1042 Stetser Ave Yeadon PA 19050	EM	WIESNER, MD, Irving S 985 Oak Crest Ln Media PA 19063	P
NEGLEY JR, MD, John N 553 Virginia Ave Havertown PA 19083	OPH	RIAL, MD, William Y 111 Dartmouth Ave Swarthmore PA 19081	FP	SHULKIN, MD, Mark W 319 W Front St Media PA 19063	P	TOMLINSON, MD, John W 411 N Middletown Rd Lima PA 19060	OPH	WIGTON, MD, John H S Chester Rd & Yale Ave Swarthmore PA 19081	FP
NEGLEY, MD, John N 553 Virginia Ave Havertown PA 19063	IM	RICHARDSON, MD, Claude E 835 Mt Alverno Rd Media PA 19063	P	SILVER, MD, Stephen C 5 Michele Dr Media PA 19063	GS	TORRANCE, MD, Edward G 678 Burmont Rd Drexel Hill PA 19028	IM	WILKERSON, MD, Joseph L 486 Brookfield Rd Drexel Hill PA 19028	U
NEWMAN, MD, Frank W 15 Morgan Circle Swerthmore PA 19081	P	RICHTER, MD, Howard A City Line & Lancaster Philadelphia PA 19151	NS	SILVERS, MD, Arthur H 509 Rutgers Ave Swarthmore PA 19081	GS	TOTINO, MD, Joseph A Crozer-Chester Prof Bldg Upland PA 19013	OPH	WILKINSON, MD, Harold A 111 Dartmouth Ave Swarthmore PA 19081	FP
NYEMETZ, MD, Ferdinand W 428 Willow Gate Lane Media PA 19063	OBG	RING, MD, Itona R 1001 City Ave Philadelphia PA 19151	PTH	SKWIRUT, MD, Frank A 2601 W 9th St Chester PA 19013	IM	TREMBLAY, MD, Ernest A 1078 Baltimore Pike #03 Media PA 19063	FP	WILKINSON, MD, Roselise H 111 Dartmouth Ave Swarthmore PA 19081	FP
OAKLEY JR, MD, Richard S 419 E 22nd St Chester PA 19013	PS	RING, MD, Stephen I 1001 City Ave Aptwb-1115 Philadelphia PA 19151	P	SLATER, MD, Robert 302 Phasant Hill Bryn Mawr PA 19010	N	TRIBOLETTI, MD, Frances M 9 Fox Lair Village Media PA 19063	FP	WILKINSON, MD, William H P O Box 124 Rockland DE 19732	OS
OCONNELL, MD, James R 3319 Sawmill Rd Newtown Sq PA 19073	U	RITCHIE, MD, Charles A 7100 Marshall Rd Upper Darby PA 19082	OBG	SMILEY, MD, Joseph W 272 N Lansdowne Ave Lansdowne PA 19050	IM	TUCH, MD, Arthur F Crozer Chester Med Ctr Chester PA 19013	IM	WILLIAMS, MD, Burton L Orchrd La-Rose Vly Wallingford PA 19088	R
ODABASHIAN, MD, Arthur 723 Church Lane Yeadon PA 19050	P	ROCCARIO, DO, Dente S 107 W Providence Rd Alden PA 19018	FP	SMINK JR, MD, Robert D 351 Lenape Dr Berwyn PA 19312	GS	TULLAI, MD, John 818 Meredith Dr Media PA 19063	AN	WILLIAMS, MD, Claude M 903 Heathdale Lane Media PA 19083	OBG

WILSON, MD, Roma A 9th & Wilson Sts Chester PA 19013	PTH	THOMPSON, MD, William W 107 Center St Ridgway PA 15853	FP	BYERS, MD, Robert J 3030 Poinciana Circle Sanibel FL 33957	AN	DUGAN, MD, Robert B 225 W 25th St Erie PA 18502	OPH	HARDY, MD, Heidrun D 406 Rondeau Erie PA 18505	AN
WINN, MD, Charles 6100 N W 44th St Apt 111 Lauderhill FL 33319	OTO	VALIGORSKY, MD, Paul J Box 43 Force PA 15841	FP	BYERS, MD, Robert O 411 Pasadena Dr Erie PA 18505	IM	DUGAN, MD, Thomas M 225 W 25th St Erie PA 18502	IM	HARTER, MD, Alan C 2901 E Lake Rd Erie PA 18511	PRM
WOZNIAK, MD, John 9501 Hilapach St Philadelphia PA 19115	P	WU, MD, Chau H 81 Clarion Rd Johnsonburg PA 15845	FP	CARTER, MD, Joseph H 818 Hilltop Rd Erie PA 18509	AN	DULABON, MD, David A 2314 Sassafras St Erie PA 18502	U	HAVRILLA, MD, Thomas R 8550 Fair Oaks Cir Fairview PA 18515	US
YAGNIK, MD, Rekha P 732 Tilghman St Chester PA 19013	PD	ERIE			FP	CASS, MD, Alvah R 104 E 2nd St Erie PA 18550	N	HEIBEL, MD, Richard H 225 W 25th St #410 Erie PA 18502	IM
YANKELEVICH, MD, Raul 131 Deerfield Rd Broomall PA 19008	GS	ADAIR, MD, Norman E 4980 D Thales Rd Winston Salem NC 27104	IM	CASSELLMAN, MD, Hyman L 620 Sassafras St Erie PA 18501	FP	DUNN, MD, David D 140 W 2nd St Erie PA 18507	GS	HENDERSON, MD, Ellsworth W 30 W High St Union City PA 18438	FP
YODER, MD, Morris L 412 Lankenau Med Bldg Philadelphia PA 19151	IM	ADKINS, MD, William C 2314 Sassafras St Erie PA 18502	U	CHAFFEE, MD, John S 620 Sassafras St Erie PA 18501	GS	DUSCKAS, MD, George J 311 W 6th St Erie PA 18507	OTO	HENDRICKS JR, MD, William C 202 East 2nd Erie PA 18507	NS
YUM, MD, Keuk Y 334 Lankenau Med Bldg Philadelphia PA 19151	GS	ALBERSTADT, MD, Norbert F 650 West 6 Street Erie PA 18502	OTO	CHANG, MD, Raymond G 404 Mohawk Dr Erie PA 18505	GS	EARICK, MD, Michael E 3317 Liberty St Erie PA 18508	OPH	HILEMAN, MD, James D 315 York St Corry PA 18407	FP
ZAMOSTIEN, MD, Paul S 517 Ramblewood Dr Bryn Mawr PA 19010	OBG	ALBERT II, MD, John D 201 State St Erie PA 18550	AN	CHEN, MD, Pang K 654 Wayne St Corry PA 18407	GS	ECKBERG, MD, John J 140 W 2nd St Suite 203 Erie PA 18507	IM	HINES, MD, Joseph H 104 E 2nd St Erie PA 18507	IM
ZEE, MD, Mary K 206 Copples La Wallington PA 19086	EM	ALLANIGUE, MD, Rogelio M 20 W High St Union City PA 18438	IM	CHU, MD, Winslon 104 E 2nd St Erie PA 18507	PS	EHRLER, MD, August H 2818 Sigbee St Erie PA 18508	FP	HIRSCH, MD, Jack H 2983 Peach St Erie PA 18508	FP
ZIBELMAN, MD, Mark 6 Morton Ave Ridley Park PA 19076	IM	ALLEN, MD, Hugh L 1281 W 9th St Erie PA 18502	IM	CHUNG, MD, Chin-Yong 210 E 2nd St Erie PA 18507	PD	EISENBERG, MD, Richard B 4929 Edgevale Dr Erie PA 18509	PTH	HO, MD, Raymond C 112 Hillcrest Dr Rd 4 Corry PA 18407	PO
ZINTL, MD, William J 1016 Warrior Rd Drexel Hill PA 19026	GS	ALMQUIST, MD, John F 41 W Main St North East PA 18428	FP	COHEN, MD, William W 3822 Wayne St Erie PA 18504	FP	ENGEL, MD, Milton I 2501 Sassafras St Erie PA 18502	IM	HO, MD, Sze K 14000 Roosevelt Blvd Philadelphia PA 19114	P
ZOURAS, MD, Nicholas L 3951 N Providence Rd Netown Square PA 19073	P	AMACHER, MD, Howard C 3125 French St Erie PA 18504	FP	COLE, MD, Dennis G 406 Peach St Erie PA 18507	ORS	EULIANO JR, MD, John J 406 Peach St Erie PA 18507	ORS	HOU, MD, Ching W 740 Wayne St Corry PA 18407	OBG
ELK-CAMERON			FP	COLE, MD, Richard A 24 West 41 St Erie PA 18508	IM	EULIANO, MD, John J 406 Peach St Erie PA 18507	ORS	HRINDA, MD, John G 2939 Willowood Erie PA 18506	FP
ALFIERI, MD, Joseph A 117 N Michael St St Marys PA 15857	FP	ANDERSON, MD, Gordon P 4347 Valencia Ct Erie PA 18506	IM	COOPER, MD, Homi S 1575 Pinewood Rd Fairview PA 18415	N	FARRELL, MD, Bruce G Box 740 St Vincents Hoap Erie PA 18512	TS	HUDSON JR, MD, Howard L 104 E 2nd St Erie PA 18507	R
ARMSTRONG, MD, B Irene 125 State St St Marys PA 15857	OPH	ANDERSON, MD, Russell S 3915 Parkside Ave Erie PA 18508	IM	CRITTENDEN, MD, George B 9 N Pearl St North East PA 18428	FP	FARRELL, MD, William J Hamot Med Ctr 201 State Erie PA 18550	ORS	HUSAIN, MD, Akhter F 418 Bonnie Brae Erie PA 18511	P
BABIN, MD, Roman A 117 N Michaels St St Marys PA 15857	PD	ANTOON, DO, Michael S 201 State St Erie PA 18550	OS	CROSS, MD, Raquel 4208 State St Erie PA 18508	N	FASO, MD, Joseph M 3218 State St Erie PA 18508	CRS	HYATT, MD, Floyd R 232 W 25th St St Vincent Erie PA 18544	R
BENNER, MD, Norman R 518 Market St Johnsonburg PA 15845	FP	AQUILINO, MD, James F 5165 Imperial Parkway Girard PA 18417	FP	CRUZ, MD, Rogelio A 1086 Mead Ave Corry PA 18407	TS	FERNANDO, MD, Neville A 947 W 52nd St Erie PA 18509	AN	IBRAHIM, MD, Fouad S 5327 Bryant St Erie PA 18509	EM
BLACKBURN, MD, Joseph M 275 E 4th St Emporium PA 15834	FP	BACON, MD, Ralph D 1427 S Citrus Cir Zellwood FL 32798	R	CSIR, MD, Floyd M 104 East Second St Erie PA 18507	U	FLOREK, MD, Florian F 104 High St Edinboro PA 18412	ORS	JAGEMAN, MD, John C 2104 Zimmerly Rd Erie PA 18509	IM
CHILIAN JR, MD, Stephen A 18 Railroad St St Marys PA 15857	GS	BAJOREK, MD, Edward J 230 W 28th St Erie PA 18509	GS	CUNNINGHAM, MD, John R 225 W 25th St Erie PA 18502	GS	FRANCIS, MD, Paul 739 Mineo Dr Erie PA 18509	P	JAGEMAN, MD, James R 2104 Zimmerly Rd Erie PA 18509	FP
COPPOLO, MD, Bernard L 121 Arch St St Marys PA 15857	FP	BAKER, MD, Graeme C 104 E Second St Erie PA 18507	PS	DAIL, MD, Eric M 210 E 2nd St Erie PA 18507	OBG	FRANKOVITCH, MD, Karl F 408 Peach St Erie PA 18507	ORS	JENKINS, MD, Jay L 104 E 2nd St Erie PA 18507	IM
DELICH, MD, John P Andrew Kaul Hosp St Marys PA 15857	AN	BALES, MD, Charles R 104 E 2nd St Erie PA 18507	PS	DANGELO, MD, George J 104 E 2nd St Erie PA 18507	TS	FRYCZYNSKI, MD, Thaddeus P 502 E 12th St Erie PA 18503	IM	JOY, MD, Charles A 4 W 34th St Erie PA 18506	IM
JOLLY, MD, Raj K 20 N Michael St St Marys PA 15857	OTO	BECK, MD, Gerald 3750 West 26 St Erie PA 18506	FP	DANIELE, MD, Joseph O 238 W 22nd St Erie PA 18502	GS	FURR, MD, Charles M 104 East Second St Erie PA 18507	IM	JUANG, MD, Richard C 173 East Main St Girard PA 16417	GS
JOSEPH, MD, Kadankavil C Andrew Kaul Hosp St Marys PA 15857	GS	BEDNARSKI, MD, Jeffrey J 238 W 22nd St Erie PA 18502	GS	DEFRANCO, MD, Joseph M 1940 W 8 St Erie PA 18505	IM	FUST, MD, John A Hamot Hosp Erie PA 18512	PTH	JURGENSEN, MD, Kenneth H St Vincent Hosp Ctr Erie PA 18544	PTH
LIN, MD, Pu-Ching Elk Co Gen Hosp Ridgway PA 15853	R	BEEBY, MD, James L 1811 Peach St Erie PA 18501	GS	DEIMEL, MD, Joseph F 1589 West 54 Street Erie PA 18509	FP	GARRISON, MD, John M 551 Sidewood Erie PA 18505	TS	KALAGAYAN, MD, Hector J 5 South St Union City PA 16438	GS
LIN, MD, Wu Jan 129 N Michael St St Marys PA 15857	OBG	BENJAMIN, MD, David R 3418 State St Erie PA 18508	D	DELANEY, MD, James H P O Box 789 Erie PA 18512	OPH	GARVEY, MD, William P 3506 Sterrantania Rd Erie PA 18506	FP	KALKHOF, MD, Thomas C 3815 Field St Erie PA 18511	FP
MAHMOOD, MD, Tariq Fox Twp Med Ctr Dagus Mines PA 15831	IM	BERESKY, MD, Barbabas S 3308 State St Erie PA 18508	FP	DEMARCO, MD, John J 2314 Sassafras St 305 Erie PA 18502	OBG	GAUGHAN, MD, Joseph F 886 W 38th St Erie PA 18508	PM	KAMINSKY, MD, Anthony F 2314 Sassafras St Erie PA 18502	U
MCGEEHAN, MD, John T Andrew Kaul Mem Hosp St Marys PA 15857	R	BOHLENDER, MD, George P 140 W 2nd St Erie PA 18507	OBG	DESANTIS, MD, Archie J 8206 Lake Shore Dr Erie PA 18505	FP	GAUNTNER, MD, Wallace C 302 West 9th St Erie PA 18502	IM	KAMINSKY, MD, James F 3520 Beech Ave Erie PA 18508	AN
MEYERS, MD, Allan F A K M Hoap St Marys PA 15857	FP	BOYLE, MD, Richard C 5165 Imperial Parkway Girard PA 16417	FP	DESHANDE, MD, Sharadchandra, St Vincent Hoap Po Bx740 Erie PA 18512	US	GEIGLE, MD, Carl F 3218 State St Erie PA 18508	CRS	KARAMANIAN, MD, Agop V 201 State St Erie PA 18550	AN
MIN, MD, Henry M 530 S St Marys St St Marys PA 15857	ORS	BRERETON, MD, William F 104 E 2nd St 5th Fl Erie PA 18501	IM	DHALIWAL, MD, Ranjit S 104 East Second St Erie PA 18507	IM	GEORGE, MD, Jacob 1217 St Marys Dr Erie PA 18509	TS	KARLE, MD, John G 104 E 2nd St Erie PA 18507	OPH
MINTEER, MD, James W 102 Center St Ridgway PA 15853	IM	BRINIG, MD, F Joseph 4206 Beech Ave Erie PA 18508	GS	DIETEMAN, MD, David F 1811 Peach St Erie PA 18501	D	GERMAN, MD, Antonio I 232 W 25th St Erie PA 18544	PTH	KARSH, MD, Carl A 160 Oakmont Ave North East PA 18428	FP
MYERS, MD, Paul R Elk County Hosp Ridgway PA 15853	GS	BROCKMYER, MD, M Lawrence 104 E 2nd St Erie PA 18507	GS	DIMASI, DO, Robert E 5945 Doris Dr Erie PA 18509	EM	GOKHALE, MD, Sudhir B 1611 Peach St Erie PA 18501	OTO	KECK, MD, David J 210 E Main St Fairview PA 18415	FP
ORDIWAY, MD, M Vernon 220 Center St Ridgway PA 15853	P	BROWN, MD, John E 315 York St Corry PA 18407	FP	DISTEFANO, MD, Berardino 238 W 22 St Erie PA 18502	IM	GOLD, MD, Jack 928 W 38th St Erie PA 18508	PD	KEISTER, MD, Stephen R 104 E 2nd St Erie PA 18507	IM
PERNESKI, MD, Robert L Andrew Kaul Mem Hosp St Marys PA 15857	ORS	BSATA, MD, Samir 104 E 2nd St Erie PA 18507	U	DOUPE, MD, David W 210 E 2nd St Erie PA 18507	OBG	GOODRICH, MD, Jack K 104 East Second St Erie PA 18507	R	KEMBLE, MD, Edward E 104 E 2nd St 7th Fl Erie PA 18507	IM
PONTZER, MD, Herbert 173 Main St Ridgway PA 15853	FP	BU, MD, Tae-Hyung 2314 Sassafras St Erie PA 18502	OBG	DREYFUS, MD, Richard 2314 Sassafras St Erie PA 18502	IM	GOURGOUTIS, MD, George D 140 W 2nd St Erie PA 18507	IM	KHERA, MD, Dinesh C 238 West 22nd St Erie PA 18502	IM
POULLIOTT, MD, Jerome W Andrew Kaul Hosp St Marys PA 15857	GS	BUEGE, MD, William B 104 East Second St Erie PA 18550	FP	DRISCOLL, MD, Robert A 3545 Culpepper Dr Erie PA 18508	R	GROLLMAN, MD, Edwin M 2943 Willowood Dr Erie PA 18506	N	KING, MD, Roy J 225 E 8th St Erie PA 18507	FP
REGEC, MD, Stephen P 808 Dewey St Ridgway PA 15853	OBG	BURBRIDGE JR, MD, I Ralph Conneautlee Rd #5 Watertord PA 16441	P	DRUCKEMILLER, MD, William H 187 W Holly Dr Fairview PA 18415	NS	GUELCHER, MD, Robert T 1611 Peach St Ste 320 Erie PA 18501	OTO	KISH, MD, George F 104 East Second St Erie PA 18507	TS
SAHELI, MD, Ali Rd 1 Sizerville Rd Emporium PA 15834	IM	BURBRIDGE, MD, Geoffrey R 104 East 2nd St Erie PA 18507	IM	DRUMHELLER, MD, John F 1811 Peach St Erie PA 18501	PD	GUSTIN, MD, Thomas A 3831 Winthrop Dr Erie PA 18506	P	KLAWON, MD, David L St Vincent Hlth Ctr Erie PA 18544	PTH
SORIANO, MD, Manuel G Andrew Kaul Mem Hosp St Marys PA 15857	U	BURDICK, MD, Mitchell 915 Myrtle St Erie PA 18502	R	DUBEY, MD, Saroj K 5121 Cherry St Erie PA 18509	FP	GUTHLEBEN, MD, John G 140 W 2nd St Erie PA 18507	OBG	KOPYCINSKI, MD, Clark F 4620 Buffalo Rd Erie PA 18510	FP
THOMAS, MD, Thomas K Andrew Kaul Mem Hosp St Marys PA 15857	U	BUTTERS, MD, J Guy 316 Wayne St Corry PA 18407	FP	DUDENHOEFER, MD, Frederick J 3540 Culpepper Dr Erie PA 18508	IM	HANSON, MD, Elbert L 2314 Sassafras St Erie PA 18502	TS	KREMER JR, MD, Edwin S 2314 Sassafras St Erie PA 18502	OBG

KUHN, MD, Richard H Po Box 740 Erie PA 16544	FP	MERSKI, MO, Anthony T 2624 Lakeaida Dr Erie PA 16511	FP	REILLY, MD, John C 3215 Erie St Erie PA 16506	CRS	SUMMERS, MD, David S 2314 Saasatras Ste 206 Erie PA 16502	N	WILKOS, MO, Francis J 619 E 10th St Erie PA 16503	FP
KUITERT, MD, John H Po Box 698 Seaside OR 97138	PM	MILLER 2ND, MD, Tom R High St Edinboro PA 16412	FP	RENZ, MD, Robert T St Vincent Hosp Erie PA 16544	PTH	SUPPA, MD, Osvaldo S 4 E 2nd St Erie PA 16512	IM	YOO, MD, Ho Joon 104 East 2nd St Erie PA 16507	R
LAMBERTON, MD, William D 213 E 41st St Erie PA 16504	FP	MILLER, MD, Roland E Hemot Hoep Amb Care Erie PA 16507	FP	RICKLOFF, MD, Raymond J 165 Doral Circle Naples FL 33940	D	TABORA, MD, Emmanuel J 1611 Peach St Erie PA 16501	GS	YOUNG, MD, Henry A 140 W 2nd St Suite 102 Erie PA 16507	GS
LAMP, MD, Albert L 232 W 25th St Erie PA 16544	PD	MIR, MD, David J 406 Peach St Erie PA 16507	ORS	RIZZAROI, MD, Roger N 4714 Upland Dr Erie PA 16509	EM	TAN, MD, Willredo S 104 E 2nd St Erie PA 16507	TS	YUN, MD, Jaa K 232 W 25th St Erie PA 16512	R
LANGE, MD, John A 1611 Peach St #455 Erie PA 16501	P	MISCHLER, MD, Forrest C 104 E 2nd St Erie PA 16507	GS	ROCHE, MD, Robert J 1122 East Ave Erie PA 16503	OBG	TATE, MD, J Harriaron 1174 Hilltop Rd Erie PA 16509	FP	ZADEH, MD, Mehdi L 4520 Upland Dr Erie PA 16509	GS
LARA, MD, Henry R Hamot Hosp Erie PA 16512	PTH	MITRA, MD, Alin K 232 W 25th St Erie PA 16544	FP	ROOS, MD, Alfred T 3125 French St Erie PA 16504	FP	TAVANA, MD, Manouchar 238 W 22 St Erie PA 16502	GS	ZEITLIN, MD, Mark H 506 W Arlington Rd Erie PA 16509	AN
LARSEN, MD, Robert D 304 E 29th St Erie PA 16504	FP	MOAKEH, MD, Mohamed 104 E Second St Erie PA 16507	U	ROTH, MD, Russaell B 2314 Saasatras St Erie PA 16502	U	TAVARES, MD, Joao O 1611 Peach St Erie PA 16501	ORS	ZELENAK, DO, Robert R #1 Rolling Rd Overlook Hills PA 19151	FP
LASHER, MD, Jay D 1611 Peach St Suite 255 Erie PA 16501	GS	MONAHAN, MD, John J 44 Malcoll St Worcester MA 01609	ORS	ROZWADOWSKI, MD, Jack V 406 Wilkina Rd Erie PA 16505	PTH	TEED, MD, Edward L 104 E 2nd St 6-A Erie PA 16507	OPH	ZELENAK, MD, Mary E #1 Rolling Rd Overbrook Hills PA 19151	FP
LASHER, MD, Robert L 1611 Peach St Suite 255 Erie PA 16501	GS	MORK, MD, Gustava W 1611 Peach Prol Bldg Erie PA 16501	PD	RUSIN, MD, Lawrence C 1153 Hilltop Erie PA 16509	CRS	THEUERKAUF JR, MD, Frank J 3216 State St Erie PA 16506	CRS	ZIEZIULA, MD, Ronald F 104 E 2nd St Erie PA 16507	PD
LAYDEN, MD, Paul W 6730 W Manchester Bch Rd Fairview PA 16415	ORS	MORRIS, MD, John L High St Edinboro PA 16412	FP	SALMON, MD, James H 225 W 25th St Erie PA 16512	NS	THOMAS JR, MD, Jamaica J 210 E 2nd St Erie PA 16507	US	ZIMM, MD, Edward J 225 W 25th St Erie PA 16502	OTO
LEACH, MD, Gary R 520 Shawnee Dr Erie PA 16505	U	MOYER, MD, Thabert R 2902 Homestead St Erie PA 16506	PM	SAMARASINGHE, MD, Gunaari 3220 Kingston Ct Erie PA 16506	AN	TIDMORE, DO, Karen A 4914 Tramarlac Lane Erie PA 16505	FP	ZONE, MD, Donald D 104 E 2nd St Erie PA 16507	IM
LEE, MD, Dong P 3560 Cullpapper Dr Erie PA 16506	FP	MRAZ, MD, James E 204 West 26 Street Erie PA 16506	ORS	SANDSTROM, MD, Paul H 104 E 2nd St Erie PA 16507	R	TIMMONS, MD, Robert G 140 W 2nd St Erie PA 16507	IM	FAYETTE	
LEE, MD, In W 3102 El Corto Way Erie PA 16506	P	MRAZ, MD, John P 2620 Sigabaa St Erie PA 16508	D	SANTOMENNA, MD, Michael A 236 W 22 St Erie PA 16502	GS	TIROL, MD, Francisco T 315 York St Corry PA 16407	GS		
LEEMHUIS, MD, Ronald P 4031 West 26th St Erie PA 16506	FP	MSZANOWSKI, MD, Edwin M 502 E 12th St Erie PA 16503	GS	SANTOSO, MD, Limjadi 2616 Parada Erie PA 16504	IM	TOOZE, MD, Frank M 104 E 2nd St Erie PA 16507	PS	ANDOLINA, MD, Stephen 103 N Pittsburgh St Connellsville PA 15425	FP
LEONE, MD, Charles R 238 W 22 St Erie PA 16502	GS	NAGLE, MD, Douglas B 104 E 2nd St 5th Fl Erie PA 16507	R	SARDESAI, MD, Prabhaker G 104 E 2nd St Erie PA 16507	TS	TOPEZER, MD, Batty C 104 E 2nd St Erie PA 16507	FP	AREZA, MD, Pablo R 2021 Revere Dr Connellsville PA 15425	AN
LIPMAN, MD, Sidney P 920 W Arlington Rd Erie PA 16509	OTO	NAIR, MD, Krianaan K 1611 Peach St Erie PA 16501	OTO	SCARPITTI, MD, William F 446 W 10th St Erie PA 16502	OBG	TREDWAY, MD, John B 3730 Drexel Dr Erie PA 16506	IM	AYRES, MD, William W 107 Professional Plaza Uniontown PA 15401	PTH
LLOYD, MD, Gerald R 315 York St Corry PA 16407	FP	NARDUCCI, MD, Anthony E 2800 State St Erie PA 16506	GS	SCHAAF, MD, Charles F 3104 Peach St Erie PA 16506	FP	TRIPPE, MD, Frank A 321 Indiana Dr Erie PA 16505	US	BERONILLA, MD, Hilarion A 401 Pittsburgh St Scottsdale PA 15663	GS
LOEB, MD, Robert L 557 W 6th St Erie PA 16502	IM	NARUS, MD, Vatold T 1123 W 38th St Erie PA 16506	D	SCHAAF, MD, John T 104 E Second St Erie PA 16507	IM	TSAL, MD, Ming Che 102 Forest La Corry PA 16407	IM	BHATT, MD, Nareah I 202 Hegue Lane Uniontown PA 15401	IM
LOOSE, MD, William D 4822 Wolf Rd Erie PA 16505	GS	NEAGAY, MD, Daniel R 225 West 25th St Erie PA 16512	NS	SCHLABACH, MD, Donald M 104 E 2nd St 5th Fl Erie PA 16507	R	UNDERHILL, MD, William L 104 E 2nd St 7th Floor Erie PA 16507	IM	BINNS, MD, Veronica 200 Union Bldg Brownsville PA 15417	PD
LUPO, DO, Stephen F 2001 Berkshire Ln Erie PA 16509	AN	NOLAN JR, MD, Thomas F 225 W 25th St Erie PA 16502	GS	SCHUSTER, MD, James L 140 W 2nd St Ste 100 Erie PA 16507	ORS	URAL, MD, William F 140 W Second St Erie PA 16507	U	BLASS, MD, David C 124 Professional Plaza Uniontown PA 15401	FP
LYONS, MD, Gary W 225 W 25th St Erie PA 16502	TS	NUTTER, MD, Raymond B 2626 Casita Way Apt 109 Delrey Beach FL 33445	PRM	SCIBETTA, MD, Mario P 104 E 2nd St 5th Fl Erie PA 16507	R	VANDAMIA, MD, Donald N 1569 Weal 54 Street Erie PA 16509	FP	BLUMENSCHNEIN, MD, Gertrude 105 Medical Arts Bldg Uniontown PA 15401	FP
LYONS, MD, Richard C 104 E Second St Erie PA 16507	U	OBRIEN, MD, J Elmar 302 E 10th St Erie PA 16503	GS	SCULLY, MD, Dennis M 3125 French St Erie PA 16504	FP	VARCELOTTI, MD, Jorge R 5324 Bryant St Erie PA 16509	GS	BOBAK, MD, Leopold 125 Simpson Rd Brownsville PA 15417	IM
MACLACHLAN, MD, William W 1611 Peach St Erie PA 16501	OTO	OVERFIELD, MD, Edward M 104 E 2nd St Erie PA 16507	IM	SEGU, MD, Subramenyam 350 West 10th St Erie PA 16502	OPH	VATAVUK, MD, Mark K 1660 Treatop Dr Apt 4A Erie PA 16509	FP	BONUCCI, MD, Bruno L Star Junction PA 15462	FP
MAINZER, MD, Francis K 5 E 34th St Erie PA 16504	NS	PALMER, MD, Delmar R 1708 Granada Dr Erie PA 16509	OBG	SEIFERTH, MD, William J 309 Connecticut Dr Erie PA 16505	IM	VENABLE JR, MD, John E 5693 Bushnell Rd Connaught OH 44030	EM	BOONVISUDHI, MD, Thumrong Rd #1 Box 337 Monongahala PA 15063	PD
MAKAROWSKI, MD, William S 2314 Saasatras St Erie PA 16502	IM	PARK, MD, Chong S 4632 Colonial Ave Erie PA 16506	PM	SEMPLE, MD, Joseph M 1611 Peach St Erie PA 16501	OBG	VERDECCHIA, MD, Leo M 1611 Peach St Erie PA 16501	OBG	BRAUN, MD, Jean B 105 Bierar Ln Uniontown PA 15401	D
MALONEY, MD, Richard W 225 W 25th St Erie PA 16502	OTO	PARSONS, MD, William H 3503 Poplar St Erie PA 16506	P	SHARMA, MD, Sukh D 6351 Lakeshore Dr Erie PA 16605	IM	VILLANOS, MD, Jesus M 33 W High St Union City PA 16438	PD	CAMASURA, MD, Octavio D Box 353 New Salem PA 15466	FP
MANGO, MD, Albert E 126 E 7th St Erie PA 16501	FP	PATEL, MD, Vinod M 238 W 22nd St Erie PA 16502	IM	SHERAFAT, MD, Mostafa 104 E 2nd St Erie PA 16507	TS	WALKER, MD, James F 302 W 9th St Erie PA 16502	IM	CARDENAS, MD, Florencio P 101 Professional Plaza Uniontown PA 15401	U
MARSH, MD, Robert J 2314 Saasatras St Erie PA 16502	U	PELLIZZARI, MD, Rinaldo G Hamot Hosp Erie PA 16512	PTH	SHIN, MD, Maung T 232 W 25th St Erie PA 16502	AN	WALLACE, MD, Wilbur S 790 Lincoln Ave Erie PA 16505	FP	CARVER, MD, Margaret A 105 Medical Arts Bldg Uniontown PA 15401	OBG
MARSHALL, DO, Lonnie L Hamot Med Ctr 201 Stala Erie PA 16550	EM	PENMAN, MD, Robert K P O Box 3415 Erie PA 16506	ORS	SHUBERT, MD, Edward 4260 Galt Ocean Dr #20D FL Lauderdale FL 33306	AN	WALSH, MD, Joseph M 1410 S Shore Dr Erie PA 16505	GS	CHO, MD, Jong S Mesontown Prol Bldg Rt 21 Masontown PA 15461	P
MARSHALL, MD, Jack H 2108 W 6th St Erie PA 16505	FP	PEPICELLO, MD, James A 3835 Cooper Road Erie PA 16510	GS	SIMORA, MD, Felix S 1611 Peach St Erie PA 16501	P	WARD, MD, Edgar H 104 E 2nd St Erie PA 16507	IM	CONN, MD, Howard F 239 Mc Clallandtown Rd Uniontown PA 15401	IM
MARTINI, MD, Victor S 1123 W 38th St Erie PA 16508	FP	PETERSON, MD, Clifford M 2314 Saasatras St Erie PA 16502	OBG	SINGH, MD, Kripa S 3845 State Street Erie PA 16506	P	WARDEN, MD, James R 1611 Peach St Erie PA 16501	GS	CONNELLY, MD, Jehue R 217 Main St Fayette City PA 15438	FP
MASSEY, MD, Gordon J 60 N Loka St North East PA 16426	FP	PETRE, MD, John H 104 E Second St Erie PA 16507	U	SKOVRON, MD, Michael 716 Saasatras St Erie PA 16501	ORS	WARFEL, MD, Martin C 580 E 3rd St Erie PA 16507	FP	COOK, MD, Ralph W R D 1 Smock PA 15480	FP
MATHEW, MD, Thomas K 3738 W 12th St Erie PA 16505	FP	PHELPS, MD, William R 211 Micah Dr Erie PA 16510	GS	SMYTH, MD, William T St Vincent Hith Cir Path Erie PA 16544	PTH	WEAVER, MD, James D 3512 Melcolm Grow Usat Washington DC 20331	FP	CORRADO JR, MD, Cataldo F 88 Connor St Uniontown PA 15401	GS
MCCARTNEY, MD, Ronald L 104 East Second St Erie PA 16507	R	POGORZELSKI, MD, George H 1555 S Shore Dr Erie PA 16505	FP	SNIDER, MD, B Leonard 3416 State St Erie PA 16506	D	WELLS, MD, E Buat 140 W 2nd St Suite 203 Erie PA 16507	IM	CORRADO, MD, Cataldo 138 E Fayette St Uniontown PA 15401	FP
MCCOMBS, MD, Ray D 4834 Wolf Road Erie PA 16505	FP	RACE, MD, David F 1629 Granada Dr #14 Erie PA 16509	EM	SNOW, MD, Daniel S 525 W 10th Street Erie PA 16502	FP	WERNER, MD, A William 1460 Periammon Le Fairview PA 16415	FP	COX, MD, Ralph L 101 S Pittsburgh St Connellsville PA 15425	FP
MCLAREN JR, MD, Harold J 2314 Saasatras St Erie PA 16504	U	RAHNER, MD, Richard A 204 West 26 Street Erie PA 16506	ORS	STAMM, MD, Barry D 104 E Second St Erie PA 16507	OPH	WHARTON, MD, Stanley W 1950 Lakeside Dr Erie PA 16511	FP	CRUDO, MD, Chito M 217 Main St Fayette City PA 15438	GS
MCNEILL, MD, Donald B 1611 Peach St Erie PA 16501	OBG	RALSTON, MD, Emerald M 510 E Meadow La Phoenix AZ 85022	FP	STARR, MD, Albart M 4727 Wolf Rd Erie PA 16505	AN	WICKRAMASINGHE, MD, Eardly K 3013 Contessa Lane Erie PA 16506	FP	DAURIA, MD, Thomas M 205 Professional Plaza Uniontown PA 15401	PD
MEAD, MD, Robert M El Corto Way Erie PA 16506	FP	RAMIREZ, MD, Renato P 225 W Grandview Blvd Erie PA 16508	IM	STEINBRINK, MD, William H 140 W 2nd St Erie PA 16506	OBG	WICZYK, MD, Stanialaw 3525 W 34 St Erie PA 16506	FP	ELLENZWEIG, MD, Morris A 106 Professional Plaza Uniontown PA 15401	OBG
MERCIER, MD, Edward E 6300 Lakeshore Dr Erie PA 16505	IM	RECIO, MD, Conrado M 1611 Peach St Suite 400 Erie PA 16501	PD	STUART, MD, Robert B 1565 West 38th St Erie PA 16506	FP	WILHELM, MD, William C 104 East 2nd St Erie PA 16507	PD	ENGLISH, MD, Robert S Rt 1 Box 373 Smithfield PA 15476	D

FRANKLIN, MD, Donald S Uniontown Hospital Uniontown PA 15401	IM	PARK, MD, Jongsook 8 Lydie Dr Uniontown PA 15401	OBG	ASHBY, MD, John D 1035 Wayne Avenue Chambersburg PA 17201	ORS	GEORGE, MD, Elizabeth A 129 N Mein St Mercersburg PA 17236	FP	RECTOR, MD, Robert D Professional Arts Bldg Chambersburg PA 17201	GS
GABRIEL, MD, Peter Po Box 1204 Uniontown PA 15401	R	PARK, MD, Min H 208 Skyline Dr Celitornie PA 15419	FP	BAKER JR, MD, George W 130 E Mein St Fayetteville PA 17222	FP	GETTE, MD, Werren A 19 Oller Ct Waynesboro PA 17268	IM	RETTIG, MD, Stephen J 48 E 2nd St Waynesboro PA 17268	FP
GAROFALO, MD, Carl A 130 Simpson Rd Brownsville PA 15417	FP	PARK, MD, Thomas E 208 Union Ste Bldg Brownsville PA 15417	FP	BALARAMAN, MD, Govindechetty, 195 Farm Lane Chambersburg PA 17201	AN	GREENAWALT, MD, Robert G 125 E Queen St Chambersburg PA 17201	FP	RICHARDS, MD, Robert N 1035 Wayne Avenue Chambersburg PA 17201	ORS
GAROFALO, MD, Ralph F Box 71 Brownsville PA 15417	FP	PATRICIO, MD, Alejandro M 413 Joanne Ln Uniontown PA 15401	OBG	BARTON, MD, James C 834 Lincoln Way East Chambersburg PA 17201	FP	GUYTON, MD, William L 130 W Mein St Waynesboro PA 17288	GS	ROSEL, MD, Romeo C 172 Colonial Dr Chambersburg PA 17201	GS
GOLDBLUM, MD, Jacob 307 S Dithridge St 611 Pittsburgh PA 15213	R	PELAEZ, MD, Manuel Connellsvl Gen Hosp Connellsville PA 15425	PTH	BEIDLER, MD, Jon G 156 Harvest Lane Chambersburg PA 17201	D	HADDON JR, MD, Herry H 23 N Third St Chambersburg PA 17201	IM	RUCH, MD, Asher G 214 S Coldbrook Ave Chambersburg PA 17201	US
GOODMAN, MD, David B 206 Prof Pleze Uniontown PA 15401	IM	PENA, MD, Pedro M 118 Sente Merie Lane Uniontown PA 15401	R	BENDER, MD, William A 778 Lincoln Way E Chambersburg PA 17201	FP	HAN, MD, Chong C 310 Lortz Ave Chambersburg PA 17201	IM	SHAPIRO, MD, Charles J 310 Lortz Ave Box L Chambersburg PA 17201	FP
HART, MD, Philip L Uniontown Hoep Rad Dept Uniontown PA 15401	R	PEREZ, MD, Erlinde B 43 Connellsville St Dunbar PA 15431	AN	BIKLE, MD, Charles A 19 N 5th Ave Chambersburg PA 17201	D	HARTMAN, MD, Owen W Professional Arts Bldg Chambersburg PA 17201	PD	SHAPIRO, MD, Hervey H 144 Eighth St Chambersburg PA 17201	P
HIBBS, MD, John B 51 W Fayette St Uniontown PA 15401	IM	PEREZ, MD, Godofredo B 134 S Pittsburgh St Connellsville PA 15425	FP	BLASCO, MD, Walter J 835 Fawn Dr San Anselmo CA 94960	R	HEIM, MD, Helen L 1734 Wileon Ave Chambersburg PA 17201	FP	SHUKLA, MD, Rohitkumar S 143 N Oiler Ave Waynesboro PA 17268	OBG
HUBBARD, MD, Charles C 3101 S Ocean Bl 718 Pths Highland Beach FL 33431	GS	PETERS, MD, Robert J 87 Kensington St Uniontown PA 15401	IM	BOYLER, MD, Lawrence J Ecu Chambersburg Hosp Chambersburg PA 17201	EM	HENDRICKSON, MD, Donald C Prof Arts Bldg Chambersburg PA 17201	PD	SHUMAKER, MD, Douglas R R D #3 Box 487 Greencastle PA 17225	IM
ISARIYAWONGSE, MD, Prekorn 53 Market St Rm 500 Brownsville PA 15417	GS	PINEDA, MD, Honorio G 119 Eastgate Rd Uniontown PA 15401	GS	BRENNEMAN, MD, John W 87 West King St Shippensburg PA 17252	FP	HIMELFARB, MD, Hillerd M 182 S 2nd St Chambersburg PA 17201	OPH	SMITH, MD, Forrest F 560 South Seventh St Chambersburg PA 17201	GS
JANA, MD, Berid B 281 E Crawford Ave Connellsville PA 15425	GS	RALSTON, MD, James C 500 N Weter St Mesontown PA 15481	FP	BRINK, MD, Cornelius P 1311 Wilson Ave Chambersburg PA 17201	FP	HINTERKOPF, MD, John P 45 Roodside Ave Waynesboro PA 17268	GS	SOMERS, MD, Ernest E Prof Arts Bldg Chambersburg PA 17201	ORS
JIN, MD, Byunghok 107 Medical Arts Bldg Uniontown PA 15401	GS	REILLY, MD, Phillip E 125 Belmont Cir Uniontown PA 15401	US	BROWN, MD, Robert B 146 S Broed St Waynesboro PA 17268	FP	HOFFMAN, MD, Howard L Chambersburg Hosp Chambersburg PA 17201	PTH	SOWERS, MD, John W 300 Terrace Dr Fayetteville PA 17222	FP
JOSHI, MD, Kishor E 220 Professional Pleze Uniontown PA 15401	IM	RHEE, MD, Ky Y 408 Joanne Lane Uniontown PA 15401	AN	BUNDY, MD, Thomas W 1035 Wayne Ave Box 248 Chambersburg PA 17201	OBG	HOJAT, MD, Saied M 188 Harvest Ln Chambersburg PA 17201	R	SPRECHER, MD, Omer J Grove Mtg Co Box 21 Shady Grove PA 17258	OS
KIM, MD, Dong H 169 S Mt Vernon Ave Uniontown PA 15401	PD	RUPP, MD, Robert A 111 Medical Arts Bldg Uniontown PA 15401	OTO	BURNS, MD, Frank D 1035 Wayne Ave Box 246 Chambersburg PA 17201	OBG	JOHNSTON, DO, Herry D 425 East Pine St Mcconnellsburg PA 17233	OBG	STADER, MD, Richard O 1035 Wayne Ave Chambersburg PA 17201	ORS
KIM, MD, Myoung S 121 Professional Pleze Uniontown PA 15401	OBG	RUSH, MD, John F 1 S Mount Vernon Ave Uniontown PA 15401	FP	CALLCOTT-STEVENS, MD, Victor A 1244 S 5th St Chambersburg PA 17201	EM	KENT, MD, W David P O Box 57 Mercersburg PA 17236	FP	STERN, MD, James M 11405 Pine Hill Dr Waynesboro PA 17268	GS
KOMALAHIRANYA, MD, Amnuey 160 Skyline Dr Celitornie PA 15419	OBG	SAHAI, MD, Ashok K 155 Skyline Dr Celitornie PA 15419	GS	CARTER, MD, Stephen L 45 Roodside Ave Waynesboro PA 17268	GS	KHALIFA, MD, Negib M 144 S Eighth St Chambersburg PA 17201	U	STETSON, MD, Derwood L 9052 Possum Hollow Rd Shippensburg PA 17257	FP
KOMALAHIRANYA, MD, Uee E 160 Skyline Dr Celitornia PA 15419	AN	SARADAR, MD, Ried 221 Prof Pleze Uniontown PA 15401	IM	CASANOVA, MD, Manuel A Chambersburg Hosp D Red Chambersburg PA 17201	R	KIEFER, MD, Robert A Blu Rdge Smt PA 17214 KISTLER, MD, Werren D 1035 Wayne Ave Chambersburg PA 17201	OPH	STEWART 3D, DO, Joseph H 48 E 2nd St Waynesboro PA 17268	FP
KOUGH, MD, Othello S 9 W Church St Uniontown PA 15401	FP	SETTY, MD, Polepelli S 2900 Memorial Blvd Connellsville PA 15425	IM	CHAN, MD, Daniel M Po Box 98 Waynesboro PA 17268	AN	KORANGY, MD, Amile A Chambersburg Hosp Chambersburg PA 17201	R	STEWART, MD, Alexander 80 W King St Shippensburg PA 17257	R
KRIFCHER, MD, Charles Uniontown Hoep Uniontown PA 15401	PTH	SHELBY, MD, Joseph E P O Box 1188 Uniontown PA 15401	GS	CHICKLO, MD, James M 1039 Wayne Ave Chambersburg PA 17201	OTO	LAYMAN, MD, Richard P Professional Arts Bldg Chambersburg PA 17201	PD	STRITE, MD, Joseph O 118 Cumberland Ave Shippensburg PA 17257	P
KUNKEL, MD, Mery E 1 S Mt Vernon Ave Uniontown PA 15401	IM	SIDOW, DO, William H 401 S Chestnut St Scottdale PA 15883	P	CHO, MD, Kwen S 1035 Wayne Ave Chambersburg PA 17201	AN	LOGAN, MD, David J Kirkland Dr R D 2-Bx 85 Red Lion PA 17356	GS	SWARTZ, MD, Edward F 1035 Wayne Ave Box 248 Chambersburg PA 17201	OBG
LARKIN, MD, Francis L 107 Medical Arts Bldg Uniontown PA 15401	GS	SLOAN, MD, Charles R 1 S Mt Vernon Uniontown PA 15401	FP	CLUTZ, MD, Paul A 29 N Mein St Mercersburg PA 17236	FP	LORENTZ, MD, Gereld T 412 Lincoln Way E Mcconnellsburg PA 17233	FP	SZYPUKSKI, MD, Helen F 7532 Lincoln Way E Bx A Fayetteville PA 17222	US
LARKIN, MD, William A 107 Medical Arts Bldg Uniontown PA 15401	GS	SONTHEIMER, MD, Gery G 101-103 S Mein St Mesontown PA 15461	FP	CRAWFORD, MD, George A Waynesboro Hosp Waynesboro PA 17268	R	MAGBOJOS, MD, Ouirico R 7 A Mill Rece Lane Fayetteville PA 17222	IM	TEETER, MD, James H Waynesboro Profssnl Ctr Waynesboro PA 17268	GS
LEE, MD, Ying P 105 Professional Pleze Uniontown PA 15401	GS	STAMAN, MD, Herry 49 W Church St Uniontown PA 15401	OPH	CRYER, MD, Theodore H 45 Roodside Ave Waynesboro PA 17268	OPH	MAGBOJOS, MD, Zeneide V 35 Mill Rece Lane Fayetteville PA 17222	AN	VANKIRK, MD, James K 834 Lincoln Way E Chambersburg PA 17201	FP
LEMENTOWSKA, MD, Merie Po Box 283 Hopwood PA 15445	PD	STONE, MD, Ralph E 8 Penn St Connellsville PA 15425	OTO	DAVIS, MD, Thomas P 704 Philadelphie Ave Chambersburg PA 17201	FP	MANGES, MD, John P 1035 Wayne Ave Chambersburg PA 17201	R	WARRENFELTZ, MD, Sylvie A Quincy United Meth Home Quincy PA 17247	FP
LEMENTOWSKI, MD, Michel 125 Simpson Rd Brownsville PA 15417	GS	STURGEON JR, MD, John D 68 Ben Lomond St Uniontown PA 15401	PD	DAVIS, MD, William L 19 N 5th Ave Chambersburg PA 17201	D	MARTZLUF, MD, Douglas R 144 S 8th St Ste 107 Chambersburg PA 17201	FP	WILLIAMS JR, MD, Richard B 13952 Herbeugh Church Rd Waynesboro PA 17268	PTH
LIM, MD, Edward T 16 Mayflower Dr Uniontown PA 15401	R	TOLSTOI, MD, George Uniontown Hosp Uniontown PA 15401	PTH	DICKSON, MD, James A Professional Arts Bldg Chambersburg PA 17201	GS	MATZELLE, MD, Donald W 1035 Wayne Ave Chambersburg PA 17201	GS	WINGARD, MD, Robert A 776 Lincoln Way E Chambersburg PA 17201	FP
MAHER, MD, Regis M 109 Med Arts Bldg Uniontown PA 15401	GS	TROILO, MD, Camillo T 101 E Crawford Ave Connellsville PA 15425	FP	DITTMAR, MD, Stuart W 473 Lincoln Way E Chambersburg PA 17201	OBG	MCKENZIE, MD, James G Wayneboro Hosp Waynesboro PA 17268	R	WOLFINGER, MD, Welter L 203 Homewood Ave Waynesboro PA 17268	AN
MAHIDHARA, MD, Seshememba 45th St Off Penn Ave Pittsburgh PA 15201	PTH	VARGA, MD, Arthur B Uniontown Hosp Uniontown PA 15401	AN	DONAHOE, MD, Michael T 840 Duncen Ave Chambersburg PA 17201	IM	MCLAUGHLIN, MD, Juenite S 21 N Mein St Mercersburg PA 17236	FP	ZIOBROWSKI, MD, Frank G 144 S Eighth St Chambersburg PA 17201	U
MARAMRAJ, MD, Mencher R Box 87 Merkleysburg PA 15459	IM	VILLAVICENCIONOCHE, MD, Lydie L 155 Lenox St Uniontown PA 15401	FP	DOVEY, MD, William C 217 Loudon Rd Mercersburg PA 17236	FP	MERCHANT, MD, Ralph P 411 Fayette St Shippensburg PA 17257	FP	ZUROWESTE II, MD, Edward L 144 S 8th St Chambersburg PA 17201	FP
MCGEE, MD, W Reiston 115 Medical Arts Bldg Uniontown PA 15401	GS	WARD JR, MD, Louis E 500 W Berkeley Uniontown PA 15401	IM	ENGLE, MD, Joseph H 223 E Third St Waynesboro PA 17268	OPH	MIDGLEY, MD, Peter M 820 Woodlewn Dr Chambersburg PA 17201	EM		
MCLELLAN JR, MD, Thomas G R D 1 Box 2 Breeckneck Rd Connellsville PA 15425	OPH	WILT, MD, Herold L 899 Se 2nd Ave 206 Deerfld Bch FL 33441	FP	FARAGALLA, MD, Remses I 144 S Eighth St Chambersburg PA 17201	U	MILLER, MD, Joseph J 39 S Broed St Waynesboro PA 17268	FP		
MCMONAGLE, MD, Cerey L 500 W Berkeley St Uniontown PA 15401	IM	WRIGHT JR, MD, Alfre E 101 Professional Pleze Uniontown PA 15401	U	FOSTER, DO, Donald B 848 E Main St Waynesboro PA 17268	IM	MILROTH, MD, William L 111 S Second St Mcconnellsburg PA 17233	FP		
MEDINA, MD, Rolden G 304 D Morgantown St Uniontown PA 15401	GS	ZAIDAN, MD, James G 201 Professional Pleze Uniontown PA 15401	GS	FRANTZ, MD, Alfred S 1035 Wayne Ave Box 246 Chambersburg PA 17201	OBG	NAVARRO, MD, Roberto N Waynesboro Hosp Waynesboro PA 17268	AN		
MEDLEN, MD, Rudolph E 101 Medical Arts Bldg Uniontown PA 15401	FP	ZAMMERILLA, MD, Charles A P O Box 155 New Selem PA 15488	FP	FREEMAN, MD, Albert W 78 W King St Shippensburg PA 17257	FP	NICKLES, MD, William A Shippensburg Stete Coll Shippensburg PA 17257	FP		
MITCHELL, MD, William J 63 Stockton Ave Uniontown PA 15401	ORS	ZUBCHEVICH, MD, Emire D Po Box 1148 Uniontown PA 15401	P	FREEMAN, MD, William A P O Box 130 Shippensburg PA 17257	FP	PATALINGHUG JR, MD, Pascuel N 1380 Molly Pitcher Hwy Greencastle PA 17225	PD		
MONTGOMERY, MD, Merk R 107 Church St Fairchence PA 15436	FP			FRY, MD, Robert L 53 Glen St Chambersburg PA 17201	FP	PETERS, MD, Theodore 2075 Scotlend Ave Chamberaburg PA 17201	FP		
NEWILL, MD, William K 804 S Pittsburgh St Connellsville PA 15425	GS			GARCIA, MD, Domingo A S Potomec St Waynesboro PA 17268	IM	PREVOST, MD, John V 947 B Aberdeen Dr Lekewood NJ 08701	FP		
NOCHE, MD, Cesar N 155 Lenox St Uniontown PA 15401	FP			GAUDIOSE, MD, Michael C 144 S 8th St Chambersburg PA 17201	FP	RAHAUSER, MD, David M 634 Lincoln Way E Chambersburg PA 17201	FP		
OLIVERIO, MD, Anthony J 205 Easy St Ste 102 Uniontown PA 15401	OTO			GAVRYCK, MD, Wayne A 50 Eastern Ave Greencastle PA 17225	IM	RAMIREZ, MD, Constancio A Chambersburg Hosp Chambersburg PA 17201	PTH		
		FRANKLIN						GREENE	
		ADAMS, MD, Lynn I 411 S Fayette St Shippensburg PA 17257	FP					ABALOS, MD, Jose M Greene Co Mem Hosp Waynesburg PA 15370	AN
		ALLEN, MD, Herold Y 731 Cumberland Ave Chambersburg PA 17201	FP					AVNER, MD, David L R D #1 Greensboro PA 15338	PRM
		ANGULO, MD, Armend J 1035 Wayne Ave Chambersburg PA 17201	AN					BAIRD, MD, William F Greene County Mem Hoep Shippensburg PA 15370	PTH
								BARTHOLOMEW, MD, William W Sunrise Pk Box 271 Waynesburg PA 15370	GS
								BORZUTZKY, MD, Carlos 5425 Fair Oaks Street Pittsburgh PA 15217	R
								BROOKS, MD, James L Locust Ave Mount Morris PA 15349	FP
								BUTERBAUGH, MD, John C 93 E High St Waynesburg PA 15370	GS
								CELAYIR, MD, Cevit Cernicheels Clinic Cernicheels PA 15320	FP

BRILL, MD, Francis W 1318 Jackson St Scranton PA 18504	FP	DOHERTY JR, MD, John H 206 Glenburn Rd Clarks Green PA 18411	ORS	GUSTAITIS, MD, Joseph A 1842 N Main Ave Scranton PA 18508	FP	KOCH, MD, L Von Bank Towers Bldg Scranton PA 18503	GS	METZGER, MD, Paul C Medical Arts Bldg Scranton PA 18503	ORS
BROWN, MD, Sylvan 748 Quincey Ave Scranton PA 18510	IM	DOHERTY, MD, John H 802 Jefferson Ave Scranton PA 18510	OBG	GUZEK, MD, Joseph T 401 Adams Ave Scranton PA 18510	OPH	KOLUCKI, MD, Frank R 861 Main St Dickson City PA 18519	FP	METZGER, MD, Paul D 500 Old Colony Rd Clarks Summit PA 18411	FP
BRUNDAGE, MD, John T 137 Main St Moscow PA 18444	FP	ORESSEL JR, MD, Christopher J 802 Jefferson Ave Scranton PA 18510	IM	HAHN, MD, Kon S 141 Salem Ave Carbondale PA 18407	OPH	KOTCHICK, MD, E Donald 203 Oakford Road Clarks Summit PA 18411	FP	MILANI, MD, Frank A 201 Smellacomba Dr Scranton PA 18508	IM
BRUNDAGE, MD, Robert P 733 Main St Peckville PA 18452	FP	ORUFFNER JR, MD, Lewis C 603 Grove St Avoca PA 18641	FP	HAMZAVI-ABEDI, MD, Siamak 414 Madison Ave Scranton PA 18510	IM	KRANICK, MD, Francis X 536 E Drinker St Dunmore PA 18512	FP	MINORA, MD, Michael A 1714 Pittston Ave Scranton PA 18505	FP
CACCIAMANI, MD, John D 802 Jefferson Ave Scranton PA 18510	IM	DRUFFNER, MD, Charles R Scranton Lifts Bldg Scranton PA 18503	IM	HANNA, MD, Raouf E Connell Bldg N Wash Ave Scranton PA 18503	PD	KRISANDA, MD, Joseph B 112 Delawre Ave Olyphant PA 18447	FP	MIRANOVA, MD, Jorga 140 Salem Ave Carbondale PA 18407	U
CARINO, MD, Mariel G 204 Burton St Peckville PA 18452	GS	EAGEN, MD, Jaramiah W 748 Jefferson Ave Scranton PA 18510	IM	HARASYM, MD, Eugene D 493 Morgan Hwy Scranton PA 18508	FP	LALUNA, MD, Francis J 743 Jefferson Ave 2nd Fl Scranton PA 18510	IM	MOHAMEDALI, MD, Abul-Kassim 959 Wyoming Ave Scranton PA 18509	IM
CASSONE, MD, Gary J 427 Madison Ave Scranton PA 18510	U	EISNER, MD, Abraham G Madison Ave At Pine St Scranton PA 18510	FP	HAZZOURI, MD, Michael A 428 Stafford Ave Scranton PA 18505	IM	LAMBERTI, MD, William F 748 Quincy Ave Scranton PA 18510	P	MORASCO, MD, Edward R Rd 2 Hallstead PA 18622	FP
CESARE, MD, Joseph G Medical Arts Bldg Scranton PA 18503	ORS	FABI, MD, Mario N 536 Spruce St Scranton PA 18503	IM	HEIM, MD, William J 743 Jefferson Ave 2nd Fl Scranton PA 18510	IM	LARKIN JR, MD, Vincent D Sta 207 Mad Arts Bldg Scranton PA 18503	GS	MORGAN JR, MD, Varnon W 802 Jefferson Ave Scranton PA 18510	OBG
CHAI, MD, Min S 141 Salem Ave Carbondale PA 18407	OBG	FALBO, MD, Santo J 53 N Church St Carbondale PA 18407	FP	HENNIGAN, MD, John J 404 S Main St Old Forge PA 18518	IM	LARKIN JR, MD, Walter J Ona Adams Plaza Ste 300 Scranton PA 18510	US	MORGAN, MD, Albert P 403 1st Natl Bank Bldg Carbondale PA 18407	FP
CHANG, MD, Lawrence C Rd 6X Box 71B Clarks Summit PA 18411	P	FANG, MD, Lio-Lian 502 Main St Childs PA 18407	FP	HENSTELL, MD, Philip 632 Main St Forest City PA 18421	FP	LARKIN, MD, Frank L 327 N Washington Ave Scranton PA 18503	U	MORI, MD, Gino 225 Penn Ave Scranton PA 18503	GS
CHIAVACCI, MD, Wayne E 7 Stoney Brk Rd Clarks Summit PA 18411	PD	FARRELL, MD, Robert E 201-8 Med Arts Bldg Scranton PA 18503	R	HERSHFIELD, MD, David H 417 Delaware Ave Olyphant PA 18447	OPH	LARKIN, MD, Walter J 327 N Washington Ave Scranton PA 18503	OBG	MORI, MD, Hugo 225 Penn Ave Scranton PA 18503	U
CIANNI, MD, Ronald J 722 Connell Bldg Scranton PA 18501	IM	FARRELL, MD, William J 495 N Abington Rd Clarks Summit PA 18411	R	HJAZI, MD, Saadaddine A 107 Crastwood Twn Rd #2 Moscow PA 18444	GS	LAVELLE, MD, James P 302 Brighton Dr Clarks Summit PA 18411	PD	MORITZ, MD, Mordekhai 4 Lakasida Dr Clarks Summit PA 18411	IM
CLAUSS, MD, Thomas F 515 Georgia St Throop PA 18512	FP	FAVINI, MD, Josephina L 1610 Pittston Ave Scranton PA 18505	FP	HOLLANO, MD, Sanford J 721 N Webster Ave Scranton PA 18510	AN	LAWRENCE, MD, Salvatore A 108 E Drinker St Dunmore PA 18512	CRS	MOYLAN, MD, Joseph E 802 S Webster Ave Scranton PA 18505	FP
COCHRAN, MD, Taranca A 225 Penn Ave Scranton PA 18503	TS	FAVINI, MD, M Peter 1811 Pittston Ave Scranton PA 18505	PD	HOLMES, MD, John J 314 Rushbrook St Jermyan PA 18433	FP	LEE, MD, Edward Y 1815 E Elm St Scranton PA 18505	P	MOYLAN, MD, Robert E 812 N Sumner Ave Scranton PA 18504	FP
COLEMAN, MD, Thomas H 76 N Main St Carbondale PA 18407	FP	FAZIO, MD, Anthony N 748 Jefferson Ave Scranton PA 18501	AN	HORCHOS, MD, Donald D 475 Morgan Hwy Scranton PA 18508	PM	LEE, MD, Kyung C 1027 Pittston Ave Scranton PA 18505	GS	MUNCHAK, MD, Alexander M 311 N Irving Ave Box 933 Scranton PA 18501	FP
COLIZZO, MD, Frank P 1201 Washburn St Scranton PA 18504	OBG	FERRARO, MD, Patrick J 207 Mad Arts Bldg Scranton PA 18503	GS	HOWARD, MD, Lawrence J 802 Jefferson Ave Scranton PA 18510	FP	LEIMAN, MD, Paul M 748 Jefferson Ave Scranton PA 18501	R	MURPHY, MD, Louis R 802 Jefferson Box 994 Scranton PA 18501	IM
COLLINS, MD, Clyde A 1735 Sanderson Ave Scranton PA 18509	FP	FIERRO, MD, Frank E 257 Knob Rd Mt Pocono PA 18344	AN	HOWELL, MD, William M Box 35 Waverly PA 18471	GS	LESNIAK, MD, John P Forum Plaza Scranton PA 18503	FP	NALEVANKO, MD, Albert M 701 Medical Arts Bldg Scranton PA 18503	OTO
COTTONE, MD, Benjamin J 403 Arthur Ave Scranton PA 18510	OPH	FISH, MD, Harry 314 Scranton Life Bldg Scranton PA 18503	FP	HUANG, MD, Chan F 201 Smellacomba Dr Scranton PA 18508	IM	LEVINSON, MD, Sandar J 802 Jefferson Ave Scranton PA 18501	IM	NEUMANN, MD, Georgia L 821 Vine St Scranton PA 18510	OBG
CRAPARO, MD, Thomas J 12 Washington St Carbondale PA 18407	FP	FOGLEY, MD, Anaas R Mercy Hospital Scranton PA 18501	IM	HUBER, MD, Richard L 1736 Sanderson Ave Scranton PA 18509	FP	LINDHOLM, MD, Dale D 748 Quincy Ave Scranton PA 18510	IM	NEVILLE, MD, Edwin C 748 Jefferson Ave Scranton PA 18510	TS
CRONKEY, MD, Joseph E 233 Penn Ave The Forum Scranton PA 18503	ORS	FRATTALI, MD, August 100 N Main Ave Scranton PA 18504	FP	HWAN, MD, Jung J 319 N Abington Rd Clarks Summit PA 18411	OBG	LIPEDE, MD, Adalucia 418 Chastnut St Dunmore PA 18512	TS	NEWMAN III, MD, William H 251 E Grove Ave Clarks Summit PA 18411	FP
CROSS, MD, Albert J 748 Quincey Ave Scranton PA 18510	IM	FRIEDMANN, MD, Elihu Suite 102 Glen Alden Bld Scranton PA 18503	ORS	ISAKOV, MD, Asparuh D 301 Gordon Drive Clarks Summit PA 18411	AN	LOOMIS, MD, James W 1110 St Ann St Scranton PA 18504	FP	NEWMAN JR, MD, William H 251 E Grove Ave Clarks Summit PA 18411	FP
CRUCIANI JR, MD, Dominick A 304 3rd Natl Bank Bldg Scranton PA 18503	OPH	FROOZAN, MD, Homayoon Forum Plaza Pann Ave Scranton PA 18503	N	JEWETT, MD, Stephan R 251 E Grove Ave Clarks Summit PA 18411	FP	MACKRELL, MD, James J 519 Connell Bldg Scranton PA 18503	GS	NICHOLLS, MD, Albert E 240 Main St Olyphant PA 18447	FP
CUPPLE, MD, Peter P 1856 Sanderson Ave Scranton PA 18509	FP	FUREY, MD, Sandy A 748 Quincey Ave Scranton PA 18510	IM	JONES, MD, C Henry 401 Adams Ave Scranton PA 18510	OPH	MACKRELL, MD, William P Kannady Dr Archbald PA 18403	FP	NOTARI, MD, Edward J 201 Smellacomba Dr Scranton PA 18508	FP
CURTIN, MD, Charles T 403 Medical Arts Bldg Scranton PA 18503	PTH	GAFFNEY, MD, John J 310 George St Throop PA 18512	FP	JORDAN, MD, Jerome W 201 N Franklin Ave Scranton PA 18503	OPH	MAIGUR, MD, William S Box 155 Hamlin PA 18427	FP	NOURIAN, MD, Ali A 706 Mad Arts Bldg Scranton PA 18503	P
CURTIN, MD, Eugene A 802 Jefferson Ave Scranton PA 18510	OBG	GAREY, MD, Harman S 1 Adams Plaza Scranton PA 18510	OBG	JORDAN, MD, Wm J Rd 4 Glenburn Rd Clarks Summit PA 18411	OPH	MALLOY, MD, Edwin S 233 Penn Ave Scranton PA 18503	ORS	NOWICKI, MD, Sigmund 1115 Pittston Ave Scranton PA 18505	OTO
DAVIS JR, MD, Robert V 401 Adams Ave Scranton PA 18503	OPH	GAVIN, MD, J Robert 802 Jefferson Ave Scranton PA 18510	FP	JORET, MD, Dale M 1 Adams Plaza Ste 300 Scranton PA 18510	OBG	MANGIONE, MD, Anthony J 1228 Providence Rd Scranton PA 18508	FP	OBOYLE, MD, James P 2027 Graen Ridge St Scranton PA 18512	OBG
DAWGERT, MD, Francis 1006 Woodland Way Clarks Summit PA 18411	PD	GAZMEN, MD, Candonino C 117 Susquehanna Ave Olyphant PA 18447	GS	JOSHUA, MD, Baskaran 3rd Fl Bank Twrs Bldg Scranton PA 18503	IM	MARINO, MD, Joseph N 837 Prescott Ave Scranton PA 18510	FP	OBOYLE, MD, Tomas A Box 317 Moscow PA 18444	PD
DEANTONIO, MD, John E 58 Lincoln Ave Carbondale PA 18407	FP	GENOVESE, MD, Mario C 105 S Main Ave Scranton PA 18504	FP	JOSHUA, MD, Gracy 201 Smellacomba Dr Scranton PA 18508	IM	MARMO, MD, Theodora 121 Moosic Rd Old Forge PA 18518	FP	O'BRIEN, MD, Joseph J 201 Mad Art Bldg Scranton PA 18503	R
DEGENNARO, MD, Louis P 506 Medical Arts Bldg Scranton PA 18503	OTO	GENTILE, MD, Anthony J 748 Quincey Ave Scranton PA 18510	IM	KANE, MD, James A 327 N Washington Ave Scranton PA 18503	GS	MASANKAY, MD, Manual G 141 Salem Ave Carbondale PA 18407	GS	O'BRIEN, MD, John P 149 Penn Ave Scranton PA 18503	GS
DELACRUZ, MD, Emmanuel A Clarks Summit S Hosp Clarks Summit PA 18411	P	GEORGIU, MD, Virgil 141 Salem Ave Carbondale PA 18407	OTO	KAREHA, MD, Louis G 319 N Abington Rd Clarks Summit PA 18411	FP	MCANDREW, MD, John J 319 Abington Rd Clarks Summit PA 18411	FP	OCNNOR JR, MD, James J 403 Mad Arts Bldg Scranton PA 18503	PTH
DELEO, MD, Caesar A 748 Quincey Ave Scranton PA 18510	FP	GIOMBETTI, MD, Joseph J 201 Smellacomba Dr Scranton PA 18508	FP	KARUMBAYA, MD, Romola Forum Plaza Pann Ave Scranton PA 18503	NS	MCANDREW, MD, Paul C 1100 N Shora Dr St Patarsburg FL 33701	IM	ORAM, MD, Malvin 431 Wyoming Ave Scranton PA 18503	FP
DELEO, MD, Nicholas V 405 E Drinker St Dunmore PA 18512	FP	GOLDEN, MD, Robert J 1706 Clay St Dunmore PA 18512	OPH	KAUFMAN, MD, Benjamin V 850 N Main St Taylor PA 18517	FP	MCDONALD, MD, Harbart M 622 Scranton Life Bldg Scranton PA 18503	GS	PANCOAST, MD, Stephen J Rd #4 Box 328 Clarks Summit PA 18411	IM
DEMKO, MD, Joseph N 919 Drinker St Dunmore PA 18512	FP	GOLDSTEIN, MD, Milton J 711 Medical Arts Bldg Scranton PA 18503	IM	KEHRLI, MD, Henry J 313 S Main Ave Scranton PA 18504	GS	MCDONNELL, MD, Thomas J 1736 Sanderson Ave Scranton PA 18509	IM	PARK, MD, Cecil R 832 N Main Ave Scranton PA 18504	ORS
DEMPSEY, MD, James G 203 Franklin Ave Scranton PA 18503	GS	GOLDSTONE, MD, Shaldon B 523 Na Bank Twrs Scranton PA 18503	D	KEHRLI, MD, William H 1536 N Washington Ave Scranton PA 18509	OPH	MCGEEHAN, MD, John F 802 Jefferson Ave Scranton PA 18510	IM	PARRILLO, MD, Douglas W Belletonte Apts Vanci Scranton PA 18505	R
DENK, MD, Mary W 748 Jefferson Ave Scranton PA 18501	R	GOMAR, MD, Alfonso A Woodland Way 1023 Clarks Summit PA 18911	IM	KELLY, MD, Edward J 212 Fairview Rd Clarks Summit PA 18411	R	MCGOWAN, MD, John P 748 Jefferson Ave Scranton PA 18510	PM	PARSICK, MD, Daniel P 148 S Main St Scranton PA 18504	FP
DESAI, MD, Arvind D 141 Salem Ave Carbondale PA 18407	IM	GOMBAR, MD, Edward F 522 Sanderson Ave Scranton PA 18512	FP	KEYES, MD, John W 86 S Main St Carbondale PA 18407	FP	MCGUIRE, MD, Edward J Bx 994 748 Jefferson Ave Scranton PA 18501	R	PASCUCCI, MD, Stephan E Mad Arts Bldg Scranton PA 18503	PD
DESAI, MD, Arundev D St Josephs Hosp Carbondale PA 18407	AN	GOTTSHALL, MD, Samuel C 534 Gladioli Dr Clarks Summit PA 18411	AN	KIM, MD, Eun T 141 Salem Ave Carbondale PA 18407	GS	MCHUGH, MD, Thomas F 2500 Adams Ave Scranton PA 18509	FP	PATEL, MD, Bipinchandra M 112 Jonalaa Ln Moscow PA 18444	TS
DIAKIW, MD, John 536 Hickory St Old Forge PA 18518	IM	GRAD, MD, Charles T 201 Smellacomba Dr Scranton PA 18508	IM	KIRALY, MD, Laszlo 400 N Main Ave Scranton PA 18504	GS	MECCA, MD, Donato D 101 Watres Dr Scranton PA 18505	FP	PATEL, MD, Bhupendra R 512 Lackawanna Ave Mayfield PA 18433	IM
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Trauma Care at Mercy

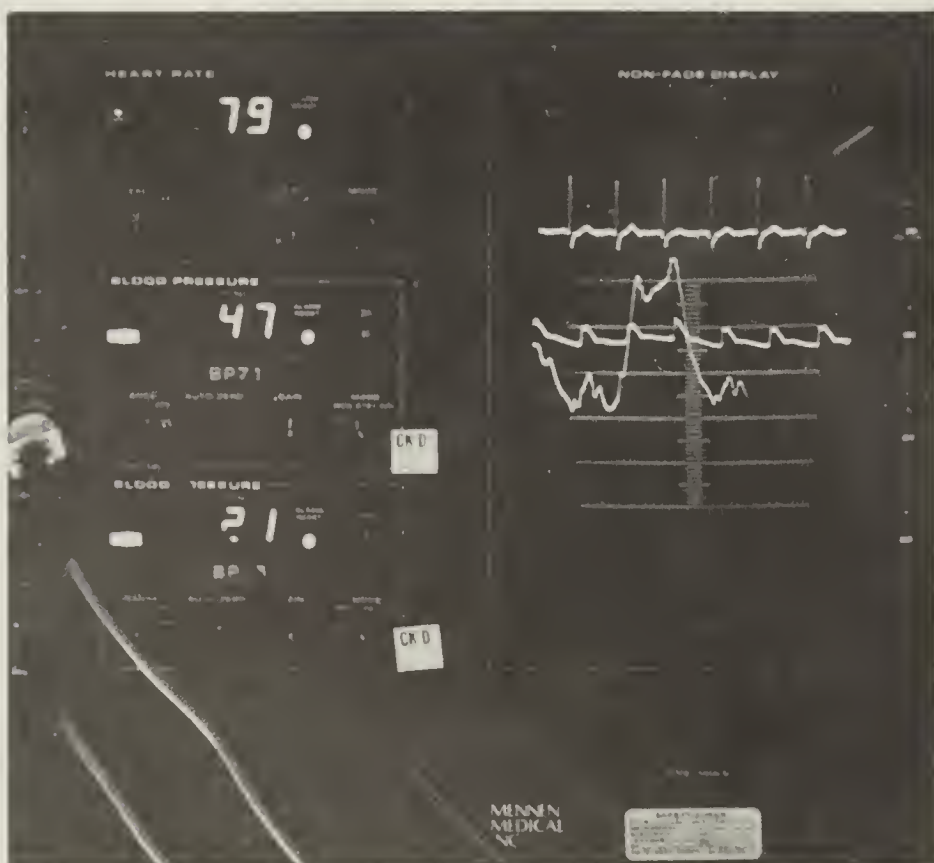


Mercy Hospital first opened its doors in the 1840s, the first health care facility west of the Allegheny Mountains.

Today it is a 617-bed hospital selected by the Southern Allegheny County Hospital Association as a regional specialty and education center because of its wide range of excellent, comprehensive specialized services.

Mercy's first trauma patients were returning wounded soldiers from the Mexican War. Over 28,000 emergency patients are now treated each year. Among these are 10,000 major and minor trauma patients, victims of auto accidents, fires, explosions and a variety of assaults.

This long history of treating the seriously injured patient has evolved a Mercy Hospital philosophy towards life threatening injuries: total preparedness and complete care from initial treatment through convalescence and rehabilitation.





The Mercy Hospital of Pittsburgh is a designated Regional Trauma Center. All trauma services operate under Mercy's Division of Multi-System Trauma directed by Dr. Thomas Layton, board certified surgeon and trained traumatologist. This includes the hospital's Trauma and Emergency Center with the following services available:

- By telephoning (412) M-TRAUMA, area hospitals, ENTs and paramedics can obtain instant consultation or patient referral information from a member of the trauma center team.
- Room 11, a trauma treatment facility, can double as a fully equipped operating room enabling physicians to do any level of major emergency surgery.
- There are also treatment rooms plus a four-bed critical care area capable of cardiac monitoring.
- Fourteen modern operating rooms with cardiac vascular, thoracic and anesthesia coverage are adjacent to the trauma center.
- Support services from Mercy's Burn Center, Blood Bank, pathology laboratories, X-Rays, Computerized Axial Tomography (CT) of both head and body, emergency and angiography, neuroangiography, nuclear medicine imaging and ultrasonography. Consulting services are also provided by physicians specializing in ENT, neurosurgery, urology and infection control.

Post trauma care can begin in a 20-bed medical/surgical intensive care unit where there are designated trauma beds, a 14-bed coronary care unit and a 10-bed cardiovascular in-

tensive care unit. There is also a pediatric and neonatal intensive care unit and facilities for care of spinal cord injuries.

Completing the range of inpatient support services are occupational, physical, respiratory, and rehabilitation services.

There are ongoing teaching conferences and programs on trauma care. These educational activities are available to Mercy's staff as well as area physicians, nurses, emergency medical service personnel, ambulance personnel and other health care professionals.

Trauma care deals with injury to multiple body functions. The Mercy Hospital commitment is to treat the whole person - the physical, emotional and spiritual.



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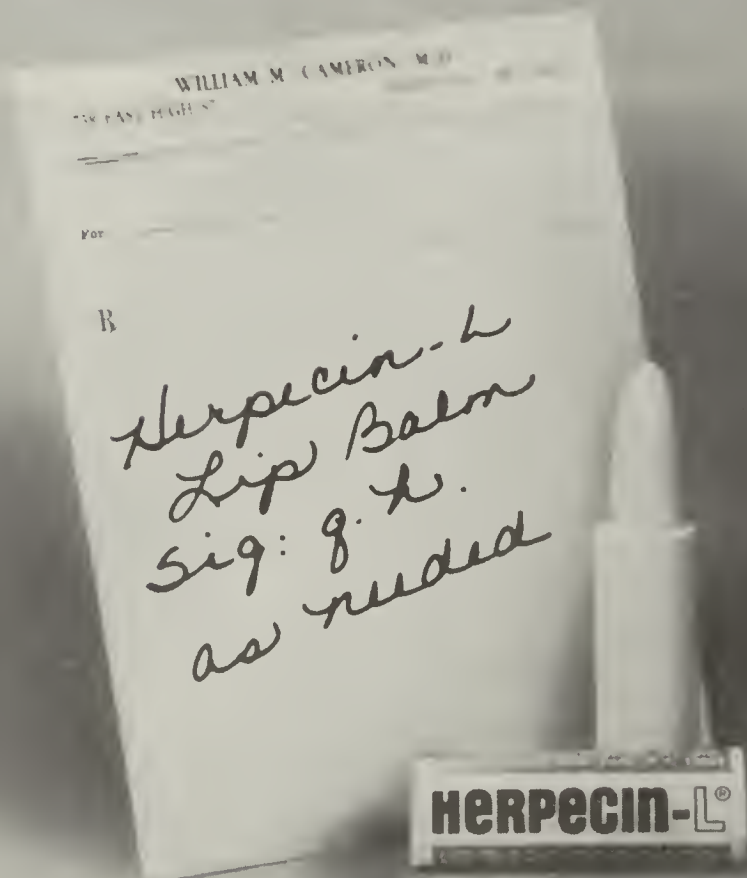
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Scranton PA 18510		Hop Bottom PA 18824		Blakely PA 18447		Lancaster PA 17603		Lititz PA 17543	
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Scranton PA 18503		Kingslon PA 18704		Wilkes Barre PA 18702		Lititz PA 17543		Lancaster PA 17601	
PETTINATO, MD, Salvatore R	FP	SHANDER, MD, Ernest G	AN	VITALE, MD, Louis J	P	BALKANY, MD, Christopher K	IM	COOPER, MD, Emmett M	R
92 Selem Ave		1107 Richmond St		328 Adams Ave		202 Butler Ave		1370 Hunter Dr	
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PICZON, MD, Oscar Y	IM	SHEER, MD, George W	R	WAGNER, MD, John M	IM	BARR, MD, V Ward	NS	COOPERSTEIN, DO, Mark S	OBG
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PICZON, MD, Severino Y	NS	SHELDON, MD, Douglas L	FP	WALLER, MD, Louis C	FP	BASHORE JR, MD, Robert M	OBG	CORCORAN, MD, John J	OBG
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Scranton PA 18503		Scranton PA 18503		Dunmore PA 18512		Lancaster PA 17602		Lancaster PA 17801	
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Mountaintop PA 18707		Scranton PA 18509		Scranton PA 18510		Lancaster PA 17601		Lancaster PA 17603	
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Taylor PA 18417		Carbondale PA 18407		Carbondale PA 18407		Lancaster PA 17601		Lancaster PA 17603	
PREATE, MD, Donel L	U	SHOVLIN, MD, John M	P	WERNER, MD, Donald J	FP	BELLEW, DO, John H	FP	DALEY, MD, Marvin C	U
225 Penn Ave		55 Laurel St		Gouldsboro PA 18424		208 W Main St		822 Marietta Ave	
Scranton PA 18503		Carbondale PA 18407		WHITE, MD, Wesley R	OTO	Ephrata PA 17522		Lancaster PA 17803	
PRELI, MD, Olindo J	IM	SHOVLIN, MD, John P	P	Scranton PA 18510		BENDER, MD, Robert R	FP	DAMATO, MD, Samuel L	R
700 Jefferson Ave		20 Hendrick Ln		Willis, MD, Bernard J	P	Bowmansville PA 17507		Ephrata Comm Hoap	
Scranton PA 18510		Carbondale PA 18407		R D		Lancaster PA 17603		Ephrata PA 17522	
RANCIER, MD, Lee F	R	SHYNN, MD, Tee I	P	Waymart PA 18472	R	Lancaster PA 17603		DAVIDSON, MD, Paul R	GS
201-6 Med Arts Bldg		111 Sturbridge Rd		WITOWSKI, MD, John J		1875 Lititz Pike		728 N Duke St	
Scranton PA 18503		Clarks Summit PA 18411		201-8 Med Arts Bldg		Lancaster PA 17601		Lancaster PA 17602	
RAO, MD, Madhava S	IM	SIMPSON, MD, Roy W	FP	Scranton PA 18503		Lancaster PA 17601		DAVIS, MD, Irene B	OBG
220 Linden St		304 Chestnut St		WOLK, MD, Melvyn H	PD	Lancaster PA 17601		70 Peach Le	
Scranton PA 18503		Peckville PA 18452		Po Bx 89		1950 Manetta Ave	IM	Lancaster PA 17801	
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428 W Main St		1010 Sleepy Hollow Rd		WON, MD, Okhee	PTH	Lancaster PA 17603	FP	822 Marietta Ave	
Dalton PA 18414		Clarks Summit PA 18411		304 Med Arts Bldg		38 N Eastland Dr		Lancaster PA 17803	
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1228 Loomis Ave		310 Dunmore St		WRIGHT, MD, Robert E	IM	Lancaster PA 17601	OPH	200 Butler Ave	
Scranton PA 18504		Throop PA 18512		743 Jefferson Ave 2nd Fl		Lancaster PA 17601		Lancaster PA 17601	
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RINALDI, MD, Lucian L	OPH	SKOVIRA, MD, Edward M	PTH	Scranton PA 18510		Lancaster PA 17603	FP	DENLINGER, MD, John K	AN
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Scranton PA 18510		Scranton PA 18503		YEVITZ, MD, Michael G	FP	Lancaster PA 17603		Adamstown PA 19501	
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Scranton PA 18510		Scranton PA 18508		YEVITZ, MD, William J	FP	Lancaster PA 17601		Lancaster PA 17602	
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822-23 Bank Twrs		493 Morgan Hwy		YOO, MD, Eun S	P	Lancaster PA 17602		133 E Frederick St	
Scranton PA 18503		Scranton PA 18508		Farview State Hospital		Lancaster PA 17602		Lancaster PA 17802	
ROSENBLATT, MD, Stanley A	N	SPITZER, MD, John J	GS	Waymart PA 18472	ORS	Lancaster PA 17602		EBERSOLE, MD, John H	R
233 Penn Ave		Med Arts Bldg		ZALE, MD, Anthony G		Lancaster PA 17603	FP	Lancaster Gen Hosp	
Scranton PA 18503		Scranton PA 18503		1538 Wyoming Ave		Lancaster PA 17603		Lancaster PA 17604	
ROSENFELD, MD, Bernard D	U	STEC, MD, Eugene G	FP	Scranton PA 18509		Lancaster PA 17603	FP	ECKENRODE, MD, Joseph L	FP
427 Madison Ave		203 Oekford Rd		ZAYDON, MD, Anne C	IM	Lancaster PA 17603		834 Marietta Ave	
Scranton PA 18503		Clarks Sumt PA 18411		601 Mulberry St		Lancaster PA 17603		Lancaster PA 17803	
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Scranton PA 18510		Scranton PA 18503		201-8 Medical Arts Bldg		Lancaster PA 17602	FP	Lancaster PA 17603	
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304 3rd Natl Bk Bldg		233 Penn Ave		ZUKOSKI, MD, Thomas E		Lancaster PA 17602	FP	24 E James St	
Scranton PA 18503		Scranton PA 18503		602 Jefferson Ave		Lancaster PA 17602		Lancaster PA 17602	
ROSS, MD, Vincent L	PD	SU, MD, Lang-Pao	AN	Scranton PA 18510		Lancaster PA 17602	FP	ENGLE, MD, Eugene K	FP
440 N Main St		144 Main St				Lancaster PA 17602		130 S Penn St	
Scranton PA 18504		Peckville PA 18452				Lancaster PA 17602		Manheim PA 17545	
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SANTARSIERO, MD, D Anthony	OPH	THORNTON, MD, Eva A	P			Lancaster PA 17602		2374 Lititz Pike	
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Scranton PA 18503		Scranton PA 18510				Lancaster PA 17602	FP	EYLER, MD, Paul W	R
SCHAPIRA, MD, Daniel	OPH	TODARO, MD, Samuel R	ORS			Lancaster PA 17602		2530 Mondamin Farm Rd	
120 Wyoming Ave		743 Jefferson Ave 1st Fl				Lancaster PA 17602		Lancaster PA 17801	
Scranton PA 18503		Scranton PA 18510				Lancaster PA 17602	FP	FAIRFIELD, MD, James C	FP
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SCHRECKENGAUST, MD, Robert H	OBG	TRACY, MD, Gerald P	IM			Lancaster PA 17602		133 E Frederick St	
602 Jefferson Ave		602 Jefferson Ave				Lancaster PA 17602		Lancaster PA 17602	
Scranton PA 18510		Scranton PA 18510				Lancaster PA 17602	OBG	FARMER, MD, John L	GS
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Scranton PA 18503		Dalton PA 18414				Lancaster PA 17602	AN	FEELAN, MD, Patrick R	D
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Carbondale PA 18407		Scranton PA 18503				Lancaster PA 17602		Lancaster PA 17601	

LANCASTER

FLORES, MD, Alberto C 3413 Goshen Rd Newton Sq PA 19073	IM	HARRYMAN III, MD, William K 1053 Olde Hickory Rd Lancaster PA 17601	ORS	KEMRER, MD, J Donald 538 N Duke St Lancaster PA 17602	FP	MANN, MD, Lowell D 306 S Market St Elizabethtown PA 17022	FP	OCONNOR, MD, Thomas W 8 E Main St Mount Joy PA 17552	FP
FORMAN, MD, Irwin H 342 College Ave Lancaster PA 17603	P	HARTMAN, MD, William F 317 N Duke St Lancaster PA 17602	OBG	KENDALL, MD, Leigh W 1314 Quarry La Lancaster PA 17603	GS	MANN, MD, Richard H 420 W Chestnut St Lancaster PA 17603	IM	ODONNELL, MD, Ward M P O Box 3555 Lancaster PA 17603	PTH
FOUST, MD, Wilson A 592 E Valley View Dr New Holland PA 17557	FP	HARTZ, DO, G Richard 450 Murry Hill Dr Lancaster PA 17601	OBG	KENT, MD, George M 325 N Duke St Lancaster PA 17602	ORS	MARTIN, MD, Arthur E 126-28 W Broad St New Holland PA 17557	FP	OLIN, MD, Stephen T Rd 8 Lancaster PA 17603	FP
FRANCE, MD, Laurence W 1059 Columbia Ave Lancaster PA 17603	OBG	HASSEL JR, MD, Carl W 275 Hess Blvd Lancaster PA 17601	D	KIM, MD, Hack J 3244 Herrisburg Pk Lendiaville PA 17538	R	MARTIN, MD, James S 28 E Liberty St Lancaster PA 17602	FP	ONEILL, DO, James P 204 Butler Ave Lancaster PA 17601	ORS
FREDERICK, MD, David W 101 Abbeyville Rd Lancaster PA 17603	FP	HAUCK, MD, Samuel M 200 Blossom Hill Dr Lancaster PA 17601	FP	KIPP, MD, James E Norlanco Med Assoc Rt 3 Elizabethtown PA 17022	FP	MARTINI, MD, Enrico T 1059 Columbia Ave Lancaster PA 17603	OBG	PAIST III, MD, Stanley S 25 Nolt Ave Willowstreet PA 17584	FP
FULTON, MD, Harry C 1420 Hunsicker Rd Lancaster PA 17601	OPH	HEINLE JR, MD, Frederick J 1253 Wheeland Ave Lancaster PA 17603	GS	KIRCHNER, MD, G Gery 129 E Frederick St Lancaster PA 17602	GS	MAST, MD, Trumen E 630 North Duke St Lancaster PA 17602	P	PALLEN, MD, Daniel 1865 Sturbridge Dr Lancaster PA 17601	OPH
GALANIS, MD, Sotire E 884 N Maple St Ephrata PA 17522	FP	HEISTERKAMP III, MD, Charles A 721 N Duke St Lancaster PA 17602	GS	KIRK, MD, Marvel S 446 W Chestnut St Lancaster PA 17603	FP	MASTROPIETRO, MD, Nunzio A 101 Abbeyville Rd Lancaster PA 17603	FP	PALMGREN JR, MD, Einer A 125 Feinway Dr Bleck Mt NC 28711	OTO
GAREIS, MD, John W 2101 Millersville Pike Lancaster PA 17603	R	HELM JR, MD, John D 618 N Duke St Lancaster PA 17602	IM	KIRK, MD, Robert A 446 W Chestnut St Lancaster PA 17603	GS	MATHEWS, MD, Robert S 527 N Lime St Lancaster PA 17602	ORS	PALUMBO, MD, John A 619 W Chestnut St Lancaster PA 17603	FP
GAROFOLA, MD, John H 1525 Ridge Rd Lancaster PA 17603	R	HELM, MD, Robert C 108 S Church St Oquirryville PA 17566	FP	KNEPPER, MD, Joseph A 11 Holly Dr Leola PA 17540	PD	MATLIN, MD, Robert A 1171 Country Club Dr Lancaster PA 17601	IM	PARKE, MD, J William 280 Spring Hill Ln #5 Mountville PA 17554	FP
GARRIDO, MD, Eddy 1871 Crooked Oak Dr Lancaster PA 17601	NS	HERSCHAFT, MD, Richard J 203 N Lime St Lancaster PA 17602	D	KNERR JR, MD, Edgar D 531 N Lime St Lancaster PA 17602	OBG	MATTELMAN, DO, Joel H 1712 Jennings Way Peoli PA 19301	FP	PARLIMENT, MD, Joel W 608 Pleasantview Dr Ephrata PA 17522	IM
GASTALDO, MD, John A 299 Hess Blvd Lancaster PA 17601	NS	HESS, MD, Joseph B 2174 Old Philadelphia Pk Lancaster PA 17602	FP	KOCH, MD, Andrew W 1010 Grendview Blvd Lancaster PA 17601	R	MAY, MD, John C 549 N Lime St Lancaster PA 17602	OBG	PATEL, MD, Harahadkumar B 555 N Duke St Lancaster PA 17604	IM
GAULT, MD, James H 420 W Chestnut St Lancaster PA 17603	IM	HESS, MD, Paul G 562 W 2nd Ave Lititz PA 17543	FP	KORNFIELD, MD, Norman B 180 River Dr Lancaster PA 17603	AN	MAYBERRY, DO, Joseph J P O Box 3509 Lancaster PA 17604	FP	PAUL JR, MD, John D 716 N Lime St Lancaster PA 17602	OBG
GAUSE, MD, Paul E P O Box 419 Ephrata PA 17522	IM	HINES, MD, Roderick E 535 N Lime St Lancaster PA 17602	N	KRAYBILL, MD, Herold E 20 Eastbrook Rd Ronks PA 17572	FP	MCCANN, MD, William D 420 W Chestnut St Lancaster PA 17603	IM	PENCHANSKY, MD, Barry H 2444 Butler Road Lancaster PA 17601	FP
GAYESKI, MD, Richard J 16 A Manor Ave Millersville PA 17551	FP	HODGE, MD, Ian G 210 Eshelman Rd Lancaster PA 17601	U	KREIDER, MD, Henry L 306 S Market St Elizabethtown PA 17022	FP	MCKEE, MD, Michael B 250 College Ave Box 3509 Lancaster PA 17604	IM	PETERS, MD, Herold E 390 Stete St New Holland PA 17557	FP
GAYNOR, MD, William B 23 Ridge Dr Lititz PA 17543	PTH	HOFFMAN JR, MD, Herry H 300 Stoney Battery Rd Landisville PA 17538	FP	KREIDER, MD, John K 2045 State St E Petersburg PA 17520	FP	MCLAUGHLIN, MD, Frank W 1010 Davis Dr Lancaster PA 17603	FP	PETERSON JR, MD, Charles B 5218 Saresote Crt Cape Coral FL 33904	IM
GENTZLER II, MD, Richard D 420 W Chestnut St Lancaster PA 17603	IM	HOKE JR, MD, Hugh H 555 N Duke St Lancaster PA 17604	R	KRISSINGER, MD, Robert C 1002 Grandview Blvd Lancaster PA 17601	FP	MCNEAL, MD, Samuel W 8th And Chestnut Sts Columbia PA 17512	FP	PETERSON, MD, Roger D Lenc Gen Hosp Lancaster PA 17604	R
GLAH JR, MD, Henry J 906 E Orange St Lancaster PA 17602	FP	HOLDER, MD, Arthur J 582 W 2nd Ave Lititz PA 17543	FP	KRUSEN, MD, David E Oak Hill Dr Penedree PA 17582	FP	MEARS, MD, Virginia G 822 Mariette Avenue Lancaster PA 17603	FP	PHILLIPS, MD, John D 825 Mc Grann Blvd Lancaster PA 17601	FP
GODDARD JR, MD, James E 1311 Hunter Dr Lancaster PA 17601	AN	HOOVER, MD, Carl H 9701 Glen Oaks Cir Sun City AZ 85351	PD	KUREY, MD, Robert J 330 N Duke St Lancaster PA 17602	P	MEDWICK, MD, Joseph X 326 N Duke St Lancaster PA 17603	OPH	PICKLE JR, MD, J Harry 1130 Walnut St Columbia PA 17512	FP
GODSHALL, MD, Stanley M Norlanco Med Assoc Rt 3 Elizabethtown PA 17022	FP	HOPKINS, MD, Robert G Lancaster Gen Hosp Lancaster PA 17603	US	KURTZ, MD, Charles H 1312 Valley Rd Lancaster PA 17603	PD	MEISER, MD, Edgar W 428 N Duke St Lancaster PA 17602	IM	PLUTNICKI, MD, Ronald S 549 N Lime St Lancaster PA 17602	OBG
GOLDIN, MD, Ralph J Brownstown PA 17508	FP	HOUSMAN, MD, John H 558 N Duke St Lancaster PA 17602	FP	LANCASTER JR, MD, Edward L 339 N Duke St Lancaster PA 17602	ORS	MELLINGER, MD, Richard W 225 N Maple St Ephrata PA 17522	IM	POHL, MD, Charles E P O Box 1804 Lancaster PA 17604	U
GOLDMAN, MD, Duane C 830 Millcross Rd Lancaster PA 17601	R	HUFFNAGLE, MD, Henry W P O Box 1804 Lancaster PA 17603	U	LANDIS, MD, Richard M 653 W Chestnut St Lancaster PA 17603	FP	MESSNER, MD, Kenneth H 500 University Dr Hershey PA 17033	OPH	POKORNEY, MD, Bruce H Apt 246 Univ Manor Hershey PA 17033	IM
GOOD, MD, Daniel C 1871 Crooked Oak Dr Lancaster PA 17601	NS	HUGHES, MD, David P 127 E Frederick St Lancaster PA 17602	ORS	LAUKAITIS, MD, Ronald B Reinholds PA 17589	FP	METZGER, MD, Tom B 630 Hedgewick Dr Lancaster PA 17603	P	PONTIUS, MD, John G 129-131 E Frederick St Lancaster PA 17602	GS
GOOD, MD, Milton S 810 Highlawn Ave Elizabethtown PA 17022	FP	HUNT, MD, William D 115 E Second St Quarryville PA 17566	FP	LEAMAN, MD, Ivan B 109 N Decatur St Sirasburg PA 17579	FP	MILLER JR, MD, John W 1855 Crooked Oak Dr Lancaster PA 17601	ORS	PONTZ, MD, Jack B 847 E Roseville Rd Lancaster PA 17601	FP
GOTTLIEB, MD, Robert J 1875 Lititz Pike Lancaster PA 17601	IM	HUTCHISON, MD, Wm A 1875 Lititz Pike Lancaster PA 17601	US	LEBO, MD, Arlend A Po Box 5281 Lancaster PA 17601	FP	MILLER, MD, C Eugene 743 Perhing Ave Ephrata PA 17522	FP	PORTER JR, MD, William F P O Box 3555 Lancaster PA 17603	IM
GRANT, MD, Alistair M 549 N Lime St Lancaster PA 17602	OBG	IGLESIAS, MD, Manuel 910 Marietta Ave Lancaster PA 17603	FP	LEGUM, MD, Ronald M P O Box 3509 Lancaster PA 17604	IM	MILLER, MD, Gerald E 964 Boyce Ave Lancaster PA 17601	FP	POSEY, MD, Dele M 2511 Mondemin Farm Rd Lancaster PA 17601	OPH
GRASSE JR, MD, John M 115 N 9th St Akron PA 17501	P	JAMESON, MD, E Carleton Box 83 Akron PA 17501	FP	LEHMAN, MD, Hervey L 506 Manor Ave Millersville PA 17551	FP	MILLER, MD, Parry J 1025 Hunt Club Lane Lancaster PA 17601	R	PRANCKUN, MD, Peter J 628 North Duke St Lancaster PA 17604	P
GRISWOLD, MD, Arthur S 402 S Broad St Lititz PA 17543	FP	JOHNS, MD, Milton W Pine Lane Rd #3 Willow St PA 17584	GS	LEHMAN, MD, Nelson R N Benk St At Rte 441 Marietta PA 17547	FP	MILLER, MD, Thomas L Sp138 Mugumu Hosp Tenz Lancaster PA 17602	FP	PRANKUN, MD, Peter P 510 N Duke St Lancaster PA 17602	GS
GROSH, MD, John L 1875 Lititz Pike Lancaster PA 17601	IM	JOHNSON JR, MD, Bertram L 721 North Duke St Lancaster PA 17602	IM	LEIPHART, MD, Clarence D 339 N Duke St Lancaster PA 17602	OPH	MOBERG, MD, F Berrie 419 Ringneck Ln Lancaster PA 17601	FP	PRATT, MD, Robert S Nolt Ave Family Health Willow Street PA 17584	FP
GROSH, MD, Joseph W 2 S Broad St Lititz PA 17543	FP	JOHNSON, MD, Carl G 585 Ridgeview Ave Elizabethtown PA 17022	IM	LEVENSON, MD, Morton W 68 Heritage Rd Akron PA 17501	FP	MOHLER, MD, J Harold 2485 Bluegrass Le Ronks PA 17572	IM	PRICE, MD, Albert C 1875 Lititz Pike Lancaster PA 17601	PD
GROSH, MD, Paul R 1521 Ridge Rd Lancaster PA 17603	IM	JOHNSON, MD, Robert P Rd 1 Box 242 New Holland PA 17557	FP	LEVIN, MD, Richard M 1608 Lititz Pike Lancaster PA 17601	PS	MONCRIEF, MD, Richard D 1580 Lititz Pike Lancaster PA 17601	FP	PROWELL, MD, Joseph W 133 Funk St Straeburg PA 17579	FP
GROSH, MD, William B 215 S Broad St Lititz PA 17543	FP	JOHNSTON, MD, Eugene V 20 Pine St Christiana PA 17509	FP	LINN, MD, Robert H R D 3 Box 378 Manheim PA 17545	FP	MUNTEANU, MD, Virgil P 128 S Stete St Ephrata PA 17522	FP	PURDY, MD, Richard T 129-131 E Frederick St Lancaster PA 17602	GS
GROSH, MD, William K 1036 Broad St Akron PA 17501	FP	JONES JR, MD, Arthur F 1655 Crooked Oak Dr Lancaster PA 17601	OTO	LOCKEY III, MD, Stephen D 2445 Marietta Ave Lancaster PA 17603	IM	MUSSELMAN, MD, Clyde V 438 Herr Ave Millersville PA 17551	FP	RAAB, MD, David B 311 E Orange St Lancaster PA 17602	FP
GSCHWEND III, MD, Paul 822 Marietta Ave Lancaster PA 17603	GS	JONES, MD, Terrence H 130 S Penn St Menhenn PA 17545	FP	LOCKEY, MD, Stephen D 2445 Marietta Ave Lancaster PA 17601	IM	MYERS JR, MD, Herbert E Norlanco Med Assoc Rt 3 Elizabethtown PA 17022	FP	RAICH, MD, William A 520 N Duke St Lancaster PA 17602	OPH
HALPERN, MD, Berton L 1617 Santa Barbara Dr Lancaster PA 17601	OPH	KATZ, MD, Joseph 275 Blossom Hill Dr Lancaster PA 17601	AN	LOEB, MD, Rolend A Box 1724 Lancaster PA 17604	FP	NEIDHARDT, MD, Paul W 318 N 5th St Denver PA 17517	FP	RAMBACH, MD, Leonard 634 Manor St Lancaster PA 17603	FP
HAMMOND, MD, Charles P 449 W James St Lancaster PA 17603	FP	KEEFE, MD, Jerry M 98 Highland Ave Ephrata PA 17522	FP	LOMBARD, MD, Robert M 259 N 6th St Columbia PA 17512	FP	NEILSON, MD, Thomas J P O Box 3509 Lancaster PA 17604	IM	RANDALL, MD, John L 555 N Duke St Lancaster PA 17604	FP
HANSBERRY, MD, James T 117 Prospect St Lancaster PA 17603	FP	KEGEL, MD, Eugene E 1059 Columbia Ave Lancaster PA 17603	OBG	LONGWELL, MD, Robert H 319 N Duke St Lancaster PA 17602	OBG	NEWCOMER, MD, David L 2620 Miller Rd E Petersburg PA 17520	GS	REESE, MD, Richard W 420 North Duke St Lancaster PA 17602	IM
HARGRAVE, MD, Hugh J 133 E Frederick Lancaster PA 17602	AN	KELLER, DO, John M P O Box 3509 Lancaster PA 17604	FP	LOWELL, MD, Fred M 28 Conestoga Dr Lancaster PA 17602	P	NIEMEYER, MD, Richard H 154 E Main St Leola PA 17540	US	RICE, MD, Samuel A 250 College Ave Lancaster PA 17604	IM
HARNISH, MD, David M 208 W Main St Ephrata PA 17522	GS	KELLY, MD, Marianne L 1950 Marietta Ave Lancaster PA 17603	IM	LU, MD, Milton M 614 North Duke St Lancaster PA 17602	PS	NOLLER, MD, William E 301 W Main St Ephrata PA 17522	FP	RIDGWAY, MD, William G 115 N 9th St Akron PA 17501	FP
HARRIGER, MD, Miles D 2081 Edgemont Dr E Petersburg PA 17520	FP	KEMP, MD, Robert M 125 Roslyn Ave Lancaster PA 17602	FP	MALEY, MD, Edward D 127 E Frederick St Lancaster PA 17602	ORS	NUTTER, MD, David E 320 N Lime St Lancaster PA 17602	P	RIFFERT, MD, Paul M 123 E Main St Ephrata PA 17522	GS

RINGWALT, MD, John D P O Box 6162 Lancaster PA 17603	IM	SMITH, MD, Eugene C 647 E Roseville Rd Lancaster PA 17601	FP	WILCOX JR, MD, Winthrop P 133 E Frederick St Lancaster PA 17602	AN	FLORES, MD, Carlos I 565 W Neshannock New Wilmington PA 16142	PD	POMMERSHEIM, MD, William J Temple Bldg New Castle PA 16101	U
RIPPLE, MD, Paul H 558 N Duke St Lancaster PA 17602	OPH	SMITH, MD, Harold A 835 W Walnut St Lancaster PA 17603	FP	WILEY, DO, David E 450 Murry Hill Dr Lancaster PA 17601	OBG	FRENCH, MD, Travia A 1st Federal Plaza New Castle PA 16101	OBG	POPP, MD, J Lumen 207 Sumner Ave New Castle PA 16105	FP
ROBBINS, MD, Howard S 779 Stony Ballery Rd Lancaster PA 17601	AN	SOLOMON, MD, Elias M 516 N Duke St Lancaster PA 17602	FP	WILLIAMS, MD, Henry N Po Box 153 Lancaster PA 17603	FP	FUJIMAGARI, MD, Tak Jameson Mem Hosp New Castle PA 16101	R	PRIOLETTI, MD, John P 301 Temple Bldg New Castle PA 16101	GS
ROBBINS, MD, Warren J 622 Mariett Ave Lancaster PA 17603	ORS	SPILLMAN, MD, Murray K 120 Corry Ave Lancaster PA 17601	FP	WILSON, MD, James A R D 1 Ronks PA 17572	FP	GARDNER, MD, James L 122 4th St Ellwood City PA 16117	GS	PUTNAM, MD, George W 1024 Maryland Ave New Castle PA 16101	AN
ROBERTS, MD, Haskell E 353 Main St Denver PA 17517	FP	SPITLER III, MD, William M 1655 Crooked Oak Dr Lancaster PA 17601	OPH	WINTER, MD, Charles R 60 School House Rd Lancaster PA 17603	ORS	GARDNER, MD, James L 4216 Ellwood Rd New Castle PA 16101	GS	RAJASENAN, MD, Vasudevan 3rd & Lawrence Ave Ellwood City PA 16117	IM
ROE, MD, Jacqueline F 144 E Chestnut St Lancaster PA 17602	FP	SRITULANONDHA, MD, Nowaratana 7th & Poplar St Columbia PA 17512	AN	WISSLER, MD, Robert U 49 Old Mill Rd Ephrata PA 17522	FP	GEER, MD, Frank D 2100 Wilmington Rd New Castle PA 16105	P	RAYMUNDO 3D, MD, Ricardo B Box 177 Zelenople PA 16063	GS
ROGERS, MD, William H 569 E Jackson St New Holland PA 17557	FP	STAHLMAN, MD, Roy A 595 River Dr Lancaster PA 17603	FP	WITMER, MD, Donald B Box 166 Willow Street PA 17564	FP	GILLESPIE, MD, William G 106 Park Lane New Castle PA 16105	PTH	RAYMUNDO, MD, Rosalinda R Box 177 Zelenople PA 16063	IM
ROSCHEL, MD, Robert L 203 N Lime St Lancaster PA 17602	D	STAPINSKI, MD, Cyril C 1413 Clayton Rd Lancaster PA 17603	U	WITMER, MD, Robert H 126 E Chestnut St Lancaster PA 17602	GS	GINSBURG, MD, Joseph E 405 1st Fed Plaza New Castle PA 16101	OBG	ROGERS, MD, Vincent P 2602 Wilmington Rd New Castle PA 16105	ORS
ROSENBAUM, MD, Seth P O Box 3555 Lancaster PA 17603	PMR	STAUFFER, MD, Harold E 154 E Main St Leola PA 17540	FP	WOLBACH JR, MD, Albert B 923 W Main St Ephrata PA 17522	FP	GINSBURG, MD, Nathan N 1st Federal Plaza New Castle PA 16101	OBG	SANTOS, MD, Cesar R 316 6th St Ellwood City PA 16117	OBG
ROWAN, MD, Paul J 806 Marietta Ave Lancaster PA 17603	GS	STEFFY, DO, Harry L 1246 W Main St Ephrata PA 17522	US	WOLFE, MD, Dwight D 676 E Main St New Holland PA 17557	FP	GRAUEL JR, MD, Theodore A 2602 Wilmington Rd New Castle PA 16105	FP	SENIOW, MD, Raymond V 117 Midway Island Dr New Castle PA 16105	FP
ROWLAND, MD, N Dean 185 Bigelow Apt 15-10 Pittsburgh PA 15212	FP	STEINMAN, MD, Robert C P O Box 3555 Lancaster PA 17603	PM	WOLGEMUTH JR, MD, John M 146 E Main St Leola PA 17540	FP	HART, MD, George R 424 Temple Bldg New Castle PA 16101	OTO	SHAFFER, MD, Howard L 150 N New Castle St New Wilmington PA 16142	FP
RUBIN, MD, Myron M 616 N Duke St Lancaster PA 17602	IM	STOLTZFUS, MD, Virgil D 673 Sialom La Valparaiso IN 46383	FP	WOOD, MD, Ernest M 150 River Dr Lancaster PA 17603	OBG	HENDERSON, MD, Robert E 2602 Wilmington Rd New Castle PA 16105	GS	SHOAF, MD, Paria A 1405 Highland Ave New Castle PA 16105	GS
RUTT JR, MD, Clarence H 250 College Ave Prof Bld Lancaster PA 17604	GS	STONER, MD, Robert E 54 Jackson Dr Lancaster PA 17603	FP	YAVIL, DO, Jules S 1933 Geraldson Ave Lancaster PA 17601	R	HOENSTINE, MD, Arthur C 134 4th St Ellwood City PA 16117	OPH	SKOLE, MD, Simon M 404C 1st Federal Plaza New Castle PA 16101	PD
RUTT, MD, John M Rd 1 Box 120 Strasburg PA 17579	FP	STOUT, MD, William J 106 N Clay St Manheim PA 17545	FP	YEAKEL, MD, Allen E Rt 1 Box 365 Schaefer Rd Newmanstown PA 17073	AN	HOFFMASTER, MD, Alfred L 3132 Wilmington Rd New Castle PA 16105	FP	SOMMERFELD, MD, James P 2 E Laurel Ave New Castle PA 16101	PD
RYNIER, MD, Donald L 1049 Lambley Rd Landisville PA 17538	P	STUART, MD, Thomas J 535 N Lime St Lancaster PA 17602	N	YOUNG, MD, James F 512 N Duke St Lancaster PA 17602	IM	HOUSTON, MD, R Ross 411 W Neshannock Ave New Wilmington PA 16142	FP	SUMNER, MD, Harold R 200 Spring Ave Ellwood City PA 16117	OBG
SANDHAUS, MD, Julius L 1909 Marietta Ave Lancaster PA 17603	FP	SUMMERS, MD, Kermit L Gap PA 17527	FP	YOUNG, MD, William W 20 Leal Park Lancaster PA 17603	R	ISIDRO, MD, Eugenio G Jameson Mem Hosp New Castle PA 16101	PTH	SUNG, MD, Paul P 202 E Poland Ave Bessemer PA 16112	FP
SAUNDERSON JR, MD, Robert W 6 Eagle St Fl Wallon Bch FL 32546	PRM	SURRY, MD, John H 562 W Second Ave Lititz PA 17543	FP	ZAEPFEL, MD, Joseph P 702 Eden Rd Lancaster PA 17601	OTO	KIM, MD, Je H St Francis Hosp New Castle PA 16101	PMR	TAFTAF, MD, Mohammad O 809 Wilmington Ave New Castle PA 16101	IM
SCATARIGE, MD, John C 1422 Quarry Ln Lancaster PA 17603	R	SWAN, MD, Reyer O 562 W Second Ave Lititz PA 17543	FP	ZERVANOS, MD, Nikitas J Lanc Gen Hosp Lancaster PA 17602	FP	KIM, MD, Uh G 425 Spring Ave Ellwood City PA 16117	FP	TEH, MD, Pek C 405B First Fed Plaza New Castle PA 16101	OBG
SCHACHTERLE, MD, Ralph E 307 N Maple St Ephrata PA 17522	FP	SZUTOWICZ, DO, Michael P 246 W Main St Ephrata PA 17522	FP	THAYER JR, MD, John O 88 Hill St Topsfield MA 01963	FP	KIM, MD, Wan J 3217 Elm Dr New Castle PA 16105	R	TEJPAN, MD, Mohamed K 1400 Wilmington Ave New Castle PA 16105	IM
SCHAEFFER, MD, William A 443 N Duke St Lancaster PA 17602	IM	TIFFT, MD, Stephen W 1675 Lititz Pike Lancaster PA 17601	PD	ABUL-ELA, MD, Ahmad E 3413 Wilmington Rd New Castle PA 16105	GS	KOUKAL, MD, Ludwig R 11 Fruitland Dr New Castle PA 16101	AN	UBER, MD, Thomas R 329 Temple Bldg New Castle PA 16101	U
SCHAFFNER, MD, Meade D 612 Wyncroft Ln #3 Lancaster PA 17603	FP	TINDALL, MD, Herbert L Rd 1 Box 29 Christiana PA 17509	FP	ALI, MD, Mohammad I 125 E North St #501 New Castle PA 16101	IM	LAMANCUSA, MD, Nancy C 836 S Mill St New Castle PA 16101	FP	WADHWA, MD, Kamal P 2602 Wilmington Rd New Castle PA 16105	IM
SCHANTZ, MD, John C 554 N Duke St Lancaster PA 17602	GS	TINNEY JR, MD, William S 129 College Ave Lancaster PA 17603	IM	BALDERACH, MD, Ronald R 104 Plaza S New Castle PA 16101	GS	MALVAR, MD, Thomas O 107 E Wallace Ave New Castle PA 16101	AN	WEINER, MD, Gerald H 2602 Wilmington Rd New Castle PA 16105	ORS
SCHLOSSER, MD, David E 304 E Main St Mount Joy PA 17552	FP	TYMON, MD, Timothy P 1302 Meadowcreek Lane Lancaster PA 17603	ORS	BANNISTER JR, MD, William B 125 E North St New Castle PA 16101	GS	MANCINO, MD, Peter J Leawood Dr New Castle PA 16105	IM	WILSON, MD, Paul B 2503 Highland Ave New Castle PA 16105	FP
SCHUBERT, MD, John J P O Box 3555 Lancaster PA 17603	U	UMIKER, MD, William O 1520 Hill Crest Rd Lancaster PA 17603	PTH	BASHARA, MD, Thomas J 107 E Wallace Ave New Castle PA 16101	FP	MANSELL, MD, John L 150 N New Castle St New Wilmington PA 16142	FP	WILSON, MD, Thomas W 100 S Division St Zelenople PA 16063	FP
SCHULZ, MD, August J 320 N Lime St Lancaster PA 17602	P	VARADA, MD, Krishna V 2388 Middlegreen Court Lancaster PA 17601	PMR	BASSALY, MD, Rilaat R 3411 Fisher Dr New Castle PA 16105	OBG	MARCELLA, MD, Lawrence C Ste 201 113 E Wash St New Castle PA 16101	OBG	WRIGHT, MD, William R 1st Federal Plaza New Castle PA 16101	OBG
SCHULZ, MD, Jacob A 184 Hamilton Rd Lancaster PA 17603	P	VERI, MD, Frank A 501 W James St Lancaster PA 17603	TS	BAUMAN, MD, Thomas W 4268 Old New Eng Rd Allison Park PA 15101	R	MARKLEY, MD, Ralph 2602 Wilmington Rd New Castle PA 16105	ORS	YUMANG, MD, Norberto Y Jameson Mem Hosp W Leas New Castle PA 16101	FP
SCIBAL, MD, Gary J 562 W Second Ave Lititz PA 17543	FP	WAGNER JR, MD, Richard S 1411 Hillcrest Rd Lancaster PA 17603	AN	BELLA, MD, Romeo H Ellwood City Hosp An Dpt Ellwood City PA 16117	AN	MASTRAN, MD, Anthony S 2802 Wilmington Road New Castle PA 16105	GS		
SEIPLE, MD, Harvey H 734 N Franklin St Lancaster PA 17602	IM	WAGNER, MD, Ira G Box 525 208 W Main St Ephrata PA 17522	FP	BOWER, MD, James N 103 S Mercer St New Castle PA 16101	FP	MATTA-ARMANIOUS, MD, Shoukry 2523 N Jefferson St New Castle PA 16105	P	ALLEY, MD, Albert A 616 Cornwall Rd Lancaster PA 17042	OPH
SEVENTKO, MD, Joseph M 822 Marietta Ave Lancaster PA 17603	ORS	WALKER, MD, Jon G 622 Marietta Ave Lancaster PA 17603	U	BROOKS, MD, Jack C 26 Pittsburgh Circle Ellwood City PA 16117	FP	MCCONAHY, MD, John G 137 E Wallace Ave New Castle PA 16101	D	ANDREZZI, MD, Robert J 924 Hauck St Lancaster PA 17042	D
SHAUB, MD, A Paul 100 Abbeyville Rd Lancaster PA 17602	FP	WEAVER, MD, Aaron R 206 W Main St Ephrata PA 17522	GS	CAPLAN, MD, Asron 510 Park Ave Ellwood City PA 16117	FP	MITTICA, MD, Nicholas M 706 N Jefferson St New Castle PA 16101	OPH	BAMBERGER, MD, John A 621 Chestnut St Lancaster PA 17042	OTO
SHERBAN, MD, Paul R 555 N Duke St Lancaster PA 17604	R	WEAVER, MD, R Clair Norlanco Mad Assoc Rt 3 Elizabethtown PA 17022	US	CAPLAN, MD, Milton L 510 Park Ave Ellwood City PA 16117	FP	MOORE, MD, George W 329 Temple Bldg New Castle PA 16101	U	BARTON, MD, Robert L Box 45 Quentin PA 17026	FP
SHERTZER, MD, John H 127 E Frederick Lancaster PA 17602	ORS	WEBER, MD, Richard H 617 N Cherry St Lancaster PA 17602	FP	CAROLIPIO, MD, Reynaldo R 1169 Logan Woods Dr Hubbard OH 44425	EM	MORETTO, MD, Joseph L 413 N Jefferson St New Castle PA 16101	OPH	BAUER, MD, Robert L 921 S Forge Rd Palmyra PA 17078	FP
SHULTZ, MD, Margarita M 1309 Wheatland Ave Lancaster PA 17603	R	WEINBERG, MD, J David 515 Locust St Columbia PA 17512	FP	CASEY, MD, Peter N Ellwood City Hosp Ellwood City PA 16117	PTH	NAJI, MD, Mohammed H 3215 Elm Dr New Castle PA 16105	AN	BECKER, MD, Carl K E C C Retirement Vlg Myerstown PA 17067	FP
SHULTZ, MD, Robert G 1309 Wheatland Ave Lancaster PA 17603	IM	WELCH, MD, John G 514 N Duke St Lancaster PA 17602	OTO	CHUNG, MD, Chin D 708 N Jefferson St New Castle PA 16101	IM	NORD, MD, Roland E 103 S Mercer St New Castle PA 16101	FP	BELL JR, MD, C Ray 416 Cumberland St Lancaster PA 17042	FP
SIEGRIST, MD, J Donald 457 Beechdale Rd-Bx 506 Bird In Hand PA 17505	FP	WENGER, MD, Marlin E 420 N Duke St Lancaster PA 17602	IM	CORBETT, MD, John M 2602 Wilmington Rd New Castle PA 16105	ORS	OLACK, MD, Jerome A Rd 1 New Wilmington PA 16142	R	BERING, MD, Joseph P 711 Poplar St Lancaster PA 17042	FP
SIGMUND, MD, William J 14 S Broad St Lititz PA 17543	D	WENTZ, MD, Henry S 29 Eastbrook Rd Ronks PA 17572	FP	DAFTARY, MD, Sudhir R 400 Neshannock Hills New Castle PA 16105	AN	ONG, MD, Bienvenido S Jameson Mem Hosp New Castle PA 16101	PTH	BERTRAM, MD, Horst N Good Samaritan Hosp Lancaster PA 17042	R
SKINNER 3RD, MD, Robert W 1927 Milleraville Pike Lancaster PA 17603	GS	WESTON, MD, David M 512 N Duke St Lancaster PA 17602	IM	DHEEN, MD, Mohamed H 1112 Pin Oak Dr 1B New Castle PA 16103	IM	PAINTER, MD, Joseph C 60 Pittsburgh Circle Ellwood City PA 16117	FP	BROWN-BIEBER, MD, Dale E P O Box 14 Fredericksburg PA 17026	IM
SLOVAK, MD, John P 721 North Duke St Lancaster PA 17602	IM	WHEATLY, MD, William K 324 N Duke St Lancaster PA 17602	OPH	DUANGNET, MD, Chatree 2 East Laurel Ave New Castle PA 16105	PD	PALATKA, MD, Andrew A 800 Adams Ave Ellwood City PA 16117	FP	CALLEN, MD, H Samuel 115 Moravien Ave Lititz PA 17543	R
SMITH, MD, C Stuart 103 W High St Elizabethtown PA 17022	FP	WHITE JR, MD, Robert H 1254 Lititz Pike Lancaster PA 17601	OPH	FLANNERY, MD, Wilbur E 24 E Grant St New Castle PA 16101	IM	PERRY, MD, David L 116 E Hazelscroft Ave New Castle PA 16105	IM	CLARK, MD, Joseph M 711 S 8th St Lancaster PA 17042	R

CLEMENS, MD, Thomas M	IM	LAZIN, DO, Norman	FP	SZYDLOWSKI, MD, Thaddeus R	IM	BENZEL, MD, Stanley	R	DANGELO, MD, Carl F	IM
315 Hathaway Park		403 Cumberland St		818 Cornwall Rd		315 N 27th St		1033 Hamilton St	
Lebanon PA 17042		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18104		Allentown PA 18101	
CONNER, MD, George H	OTO	LEE, MD, Chong S	OBG	TANNER, MD, Leonard M	PTH	BERNHARD, MD, John J	OBG	DAVIS, MD, David	R
Milton S Hershey Med Ctr		818 Cornwall Rd		1551 Rita Lane		924 N 33rd St		3502 Congress St	
Hershey PA 17033		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18104		Allentown PA 18104	
COOPEY, MD, Frederick D	OTO	LEONARD, MD, Justin T	R	TIBBITTS, MD, James A	FP	BIERMAN, MD, Joseph R	FP	DEEB, MD, Ramon J	AN
711 Poplar St		1815 Mill Rd		King And Queen Sts		1321 Hamilton St		421 Chew St	
Lebanon PA 17042		Lebanon PA 17042		Jonestown PA 17038		Allentown PA 18102		Allentown PA 18102	
COURTNEY, MD, Drew E	FP	LIGHT, MD, John J	R	UHRICH, MD, Kathryn H	FP	BLAISDELL, MD, C Theodore	AN	DENCH JR, MD, Edward H	US
Rd 3		25 N 9th St		523 N 7th St		421 Chew St 3C		4278 Vally View Dr	
Myerstown PA 17067		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18102		Allentown PA 18103	
CURANZY, MD, Raymond R	FP	LONG, MD, Theodore K	OPH	UHRICH, MD, Robert W	FP	BLAKE, MD, Douglas R	AN	DEX, MD, Walter J	R
39 E Maple St		327 Cumberland St		523 N 7th St		421 Chew St		Altn Hosp 17th & Chew	
Palmyra PA 17078		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18102		Allentown PA 18104	
DAVIDSON JR, MD, William R	IM	MARRONE, MD, Michael S	FP	WALMER, MD, John D	P	BLASSER, MD, Edward F	IM	DICKSON JR, MD, Thomas B	ORS
818 Cornwall Rd		101 W Cherry St		Philhaven-263 S Btlr Rd		C G A Tr Ctr		1730 Chew St	
Lebanon PA 17042		Palmyra PA 17078		Lebanon PA 17042		Mobile AL 38808		Allentown PA 18104	
DIEHL, MD, William H	OPH	MCCELLEND, MD, Herbert C	FP	WEYLAND, MD, Charletta K	PD	BONOS III, MD, Charles T	FP	DILCHER, MD, Robert H	U
107 Moravian Ave		105 Plaza Apts #5		209 Hathaway Park		Allentown-Sacred Hrt Hosp		1111 N 19th St	
Lifitz PA 17543		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18105		Allentown PA 18104	
DIGIACOMO, MD, Paul R	IM	MENGES, MD, Charles G	GS	WINER, MD, Stephin F	GS	BOO, MD, Ki T	IM	DILEO, MD, Frank J	FP
315 Hathaway Park		S 3rd & Oak Sts		11 E High St		815 North 12th St		2725 Allen St	
Lebanon PA 17042		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18102		Allentown PA 18104	
DINULOS, MD, Baltazar T	GS	MEYER JR, MD, Maurice M	OPH	WORRILOW, MD, Suzanne H	FP	BOSANAC, MD, Paul R	IM	DIMICK, MD, Dean F	IM
225 S 4th St		701 Maple St		400 E High St		2200 Hamilton St		Allentown Hospital	
Lebanon PA 17042		Lebanon PA 17042		Lebanon PA 17042		Allentown PA 18104		Allentown PA 18102	
DORSCH JR, MD, Raymond M	ORS	MILLER, MD, Claude J	D	YEAMANS, MD, Bruce E	FP	BOUCHER, MD, William F	FP	DONMOYER, MD, Theodora L	IM
229 S Fourth St		1151 Cornwall Rd		21 School Lane		234 E 20th St		2835 Pkwy Blvd	
Lebanon PA 17042		Lebanon PA 17042		Lebanon PA 17042		Northampton PA 18067		Allentown PA 18104	
DRUCKMAN, MD, Staphen M	IM	MILLER, MD, Carl S	P	YUN, MD, Won K	OBG	BOWEN, MD, Dale T	FP	DORSEY, MD, James T	OBG
315 Hathaway Park		Rd #2801		818 Cornwall Rd		1138 Fifth St		180 Main St	
Lebanon PA 17042		Belhel PA 19507		Lebanon PA 17042		Catasauqua PA 18032		Emmaus PA 18049	
DYREYES, MD, Roberto R	R	MINSEK, MD, Robert C	P	ZIMMERMAN JR, MD, Franklin D	FP	BOYER, MD, George S	GS	DOTTOR, MD, Albinka J	IM
1647 Cambridge Dr		8351 Sunda Dr		Schaefferstown PA 17088		740 N 19th St		801 Delaware Ave	
Lebanon PA 17042		East Petersburg PA 17520				Allentown PA 18104		Bethlehem PA 18015	
ECKROTH, MD, Richard N	FP	MORRIS JR, DO, Wilson S	IM	LEHIGH					
136 E Cherry St		Hathaway Pk At 4th St		ABRAMS, MD, Albert D	IM	BRANTON, MD, Leon N	PD	DRAUCH, MD, Eugene W	FP
Palmyra PA 17078		Lebanon PA 17042		421 Chew St Ste 2D		811 N 19th St		1215 W Highland St	
ENGLE, MD, Harold H	FP	MYSTAKAS, MD, Fotis G	ORS	Allentown PA 18102		Allentown PA 18104		Allentown PA 18102	
322 E Main St		229 S 4th St		AGSTER, MD, Bruce E	GS	BRENNEN, MD, Robert F	FP	DRY, MD, Frederick A	FP
Palmyra PA 17078		Lebanon PA 17042		2439 Walnut St		951 N 4th St		730 Harrison	
FLOWERS, MD, Peter B	FP	NEFF, MD, Charles A	P	Allentown PA 18104		Allentown PA 18102		Emmaus PA 18049	
618 Cornwall Rd		283 S Butler Rd		ALEXANDER, MD, Raymond S	OBG	BRONG, MD, George C	FP	DUBBS, MD, Alfred W	IM
Lebanon PA 17042		Lebanon PA 17042		811 N 19th St		104 W Main St		1443 Hamilton St	
FORKER, MD, Thomas	ORS	NIELSEN, MD, Robert K	FP	Allentown PA 18104		Bath PA 18014		Allentown PA 18102	
247 Cedar Ave		700 R Main St		ALLMAN, MD, Richard L	IM	BROOKS, MD, Charles M	IM	EARNEST, MD, Tamar D	GS
Hershey PA 17033		Anneville PA 17003		501 N 17th St		1428 Wedgewood Rd		R D 1 Box 830	
FRANK, MD, Patrick J	FP	NUCUM, MD, Atrodisio N	FP	Allentown PA 18104		Allentown PA 18104		Orefield PA 18069	
925 Cumberland St		341 Cumberland St		ALMAZAN, MD, Antonio C	FP	BROSSMAN, MD, Martin W	FP	EDDINGER, MD, Leo C	FP
Lebanon PA 17042		Lebanon PA 17042		317 Bridge St		549 N 8th St		951 N 4th St	
GINGRICH JR, MD, Russell L	GS	PATERNITI, MD, Samuel F	OBG	Catasauqua PA 18032		Allentown PA 18102		Allentown PA 18102	
34 N Center Ave		3rd & Willow St		ALTOBELLI, MD, John A	PS	BROWN, MD, Christopher L	R	ENDRES, MD, Warren H	FP
Cleona PA 17042		Lebanon PA 17042		1600 Lehigh Pkwy Ste 1K		1245 Winchester Rd		8000 Main St	
GINGRICH, MD, Kerry H	FP	PLACE, MD, Elmer R	FP	Allentown PA 18103		Allentown PA 18104		Fogelsville PA 18051	
818 Cornwall Rd		Box 419 R D 5		ANDERKO, MD, Frank T	FP	BUCKLEY, MD, Ronald J	FP	ESLER JR, MD, James W	AN
Lebanon PA 17042		Lebanon PA 17042		414 Ridge Ave		1035 N 21st St		421 Chew St	
GORDON, MD, Robert A	IM	POTASH, MD, George C	OPH	Allentown PA 18102		Allentown PA 18104		Allentown PA 18102	
818 Cornwall Rd		513 Chestnut St		ANSON, MD, Peter M	ORS	BUENAFLO, MD, Michael V	FP	EVERETT, MD, Harold E	IM
Lebanon PA 17042		Lebanon PA 17042		1401 N Cedar Crest Blvd		1010 Lincoln Ave		501 N 17th St	
GROH, MD, John R	GS	POUST, MD, George S	OBG	Allentown PA 18104		Northampton PA 18067		Allentown PA 18104	
1835 Mill Rd		3rd & Willow St		ARANGIO, MD, George A	ORS	BURKHARD JR, MD, Edward J	PTH	EZAKI, MD, Toshio	GS
Lebanon PA 17042		Lebanon PA 17042		32 N West Street		2184 Brookhaven Dr W		18 N 13th St	
GROSKY, MD, Murray B	IM	PROVENCIO, MD, Florencio	PTH	Allentown PA 18102		Allentown PA 18103		Allentown PA 18102	
315 Hathaway Park		1661 Krim Court		ASNANI, MD, Mithlesh G	PD	BURKHOLDER, MD, Thomas O	OPH	FALCONE, MD, Domenico	AN
Lebanon PA 17042		Lebanon PA 17042		501 N 17th St		1251 S Ced Crst Blv 104C		Rd 2	
HABECKER, MD, Elizabeth T	PD	REED, MD, Harry W	FP	Allentown PA 18104		Allentown PA 18103		Allentown PA 18103	
1654 Rita Lane		Fredericksburg PA 17028		BACKENSTOE, MD, Gerald S	FP	CACCESE, MD, David M	IM	FARRELL, MD, John D	FP
Lebanon PA 17042		RIM, MD, Jeung K	IM	500 Chestnut St		Liberty Sq Med Ctr		Rd #2 Trexler Manor	
HALLAHAN, MD, William F	IM	59 Walden Rd		Emmaus PA 18049		Allentown PA 18104		Orefield PA 18069	
618 Cornwall Rd		Lebanon PA 17042		BALZE, MD, Paul C	P	CANDIO, MD, Joseph A	IM	FARRELL, MD, Peter E	OTO
Lebanon PA 17042		RYAN, MD, Robert J	GS	1940 Leusch Ave		1251 S Cdr Cat Blvd 107A		1251 S Cdr Cat Blvd 110	
HARRISON, MD, Timothy S	GS	Cutler Us Army Hosp		Northampton PA 18067		Allentown PA 18103		Allentown PA 18103	
M S Hershey Med Ctr		Fort Devans MA 01433		BANACH, MD, Stanley F	IM	CARAPPELLA, MD, John D	FP	FEENEY, MD, Robert A	FP
Hershey PA 17033		SACKS, MD, Richard P	R	2015 Hamilton St Ste 205		13 Lone Lane		3710 Hamilton St	
HARTMAN 2ND, MD, Samuel A	PD	R D 3		Allentown PA 18104		Allentown PA 18104		Allentown PA 18104	
229 S 4th St		Manheim PA 17545		BANKS, MD, Walter A	FP	CARBAUGH, MD, Howard L	FP	FELDMAN, MD, Larry B	IM
Lebanon PA 17042		SAYSON, MD, Jose N	IM	8 W Main St		814 N 8th St		1251 S Cdr Cat Blvd 107A	
HAUER, MD, Martin L	FP	302 Walnut St		Macungie PA 18062		Allentown PA 18102		Allentown PA 18103	
330 Cumberland St		Lebanon PA 17042		BARBOUR, MD, Peter J	N	CARNEY, MD, David P	IM	FETTERMAN, MD, Henry H	OBG
Lebanon PA 17042		SCHAEFFER JR, MD, William E	IM	1033 Hamilton St		2532 Washington St		501 N 17th St	
HEBERLING, MD, Thomas P	FP	Lebanon PA 17042		Allentown PA 18101		Allentown PA 18104		Allentown PA 18104	
601 S 12th St		SCHARADIN, MD, Nelson S	D	BARILLA, MD, Donald E	IM	CARPENTER IV, MD, E Joel	FP	FETZER, MD, Arthur E	U
Lebanon PA 17042		102 E Penn Ave		501 N 17th St		102 N 13th St		1405 Cedar Crest Blvd	
HEISEY, MD, Robert G	OBG	Cleona PA 17042		Allentown PA 18104		Allentown PA 18102		Allentown PA 18104	
3rd & Willow St		SCHREIBER, MD, Richard D	FP	BARNES, MD, Ben C	IM	CASSEL, MD, John J	IM	FIEDLER, MD, Howard T	P
Lebanon PA 17042		801 Walnut St		Muhlenberg Med Ctr		3755 Fox Run Drive		2030 S Ocean Dr Apt 314	
HIRSCH, MD, Glenn M	FP	Lebanon PA 17042		Bethlehem PA 18017		Allentown PA 18103		Hallandale FL 33009	
700 E Main St		SHAVER, MD, William A	GS	BARONE, MD, Anthony	AN	CERCIELLO, MD, Mark J	ORS	FINNEGAN, MD, Walter J	ORS
Annville PA 17003		818 Cornwall Rd Bldg 2		421 Chew St		40 Cdr Crst Blvd S		1730 Chew St	
HOFFMAN, MD, Glenn H	FP	Lebanon PA 17042		Allentown PA 18102		Allentown PA 18104		Allentown PA 18104	
629 W Pine St		SILBERMAN, MD, J Dewott	FP	BARR, MD, William B	IM	CHANG, MD, In-Ho	R	FISTER, MD, Frederick D	US
Palmyra PA 17078		1552 Rita Lane		733 Turner St		Allentown Hosp		R D 2	
HOFFMAN, MD, Richard R	R	Lebanon PA 17042		Allentown PA 18102		Allentown PA 18102		Wescosville PA 18106	
1149 Grainer St		SNYDER, MD, Earl J	GS	BARRETT, MD, Judith N	FP	CHEN, MD, Chun N	GS	FITZGERALD, MD, James L	OBG
Lebanon PA 17042		4th St & Hathaway Pk		2421 Greenleaf St		1200 S Cedar Crest Blvd		1833 Allen St	
HOSTETTER, MD, Abram M	P	Lebanon PA 17042		Allentown PA 18104		Allentown PA 18105		Allentown PA 18102	
Briarcrest Sq 19-A		SOLOMON, MD, Stephen J	N	BARRETT, MD, Stephen J	P	CHEN, MD, Juh-Huey	PD	FITZSIMONS, MD, Thomas R	R
Hershey PA 17033		618 Cornwall Rd		842 Hamilton Mall Rm 11		Box 80		310 Benner Rd Apt 202	
JONES, MD, Edward L	GS	Lebanon PA 17042		Allentown PA 18101		Traxletown PA 18087		Allentown PA 18104	
422 Cumberland St		SOMMERVILLE, MD, Kenneth W	N	BAUDER, MD, Elizabeth S	P	CHENG, MD, Lawrence C	FP	FOX, MD, Stewart	TS
Lebanon PA 17042		4th & Hathaway Sts		10 Willow St		2710 Liberty St		1251 Cedar Cat Blvd 212B	
KASALES, MD, Clarence J	U	Lebanon PA 17042		Conyngam PA 18219		Allentown PA 18104		Allentown PA 18103	
41 Foxanna Dr		SPOTTS, MD, Ricke L	FP	BAUM, MD, Edgar S	FP	CRISWELL, MD, Samuel W	FP	FOX, MD, William F	FP
Hershey PA 17033		700 East Main St		1824 Walnut St		533 N 28th St		9 N 4th St	
KEITER, MD, James M	FP	Annville PA 17003		Allentown PA 18102		Allentown PA 18104		Coplay PA 18037	
30 W Orchard Dr		SRUR, MD, Jimmy S	ORS	BAUSCH JR, MD, Frederick R	FP	CRUZ, MD, Edgardo S	AN	FRAILEY JR, MD, William W	GS
Palmyra PA 17078		229 S Fourth St		142 N 9th St		3101 Trexler Blvd		1258 Ravenswood Rd	
KLATCHKO, MD, William W	GS	Lebanon PA 17042		Allentown PA 18102		Allentown PA 18104		Allentown PA 18103	
402 S 12th St		STA ROMANA, MD, Ismael R	AN	BAUSCH, MD, Richard D	FP	CUNIN, MD, Harry L	OPH	FRANKENFIELD, MD, Bruce A	IM
Lebanon PA 17042		8 Wintermere Rd		951 N 4th St		11 Martins Run Apt H206		2200 Hamilton St Rm 203	
KLING, MD, Robert M	OBG	Lebanon PA 17042		Allentown PA 18102		Marple Township PA 19008		Allentown PA 18104	
115 E Walnut St		SUAREZ, MD, Ramon U	GS	BAYRI, MD, Mehmet F	AN	CUSTODIO, MD, Edgardo C	R	FRIEDBERG, MD, Milton J	GS
Lebanon PA 17042		1023 Poplar St		1198 Meadowbrk Circle W		785 Wedgewood Rd		2200 Hamilton St	
LAPE JR, MD, I Samuel	OBG	Lebanon PA 17042		Allentown PA 18103		Bethlehem PA 18017		Allentown PA 18104	
3rd & Willow St		SUTER, MD, Stanley C	U	BEITEL JR, MD, Robert J	OPH	DALESSANDRO, MD, Robert E	OBG	FROST, MD, Stephen S	IM
Lebanon PA 17042		1023 Poplar St		1028 Hamilton St		309 S 15th St		51 N 39th St	
		Lebanon PA 17042		Allentown PA 18101		Allentown PA 18103		Philadelphia PA 19104	

FUGAZZOTTO, MD, Pasquale J Liberty Sq Med Ctr Allentown PA 18104	PD	HYMAN, MD, Herbert L 1033 Hamilton St Allentown PA 18101	IM	KOPENHAVER, MD, Donald B 1251 S Cedar Crest Blvd Allentown PA 18103	OBG	MCGINLEY, MD, George W 501 N 17th St Allentown PA 18104	OPH	RADER, MD, Herbert C C Booth Hosp India	GS
GALGON, MD, John P 1182 Bellair Dr Allentown PA 18103	IM	JAEGER, MD, Robert M 1259 S Cedar Crest Blvd Allentown PA 18103	NS	KOSTELNIK, MD, Elizabeth V P O Box R Hellertown PA 18055	R	MCGORRY, DO, Dennis M 3131 College Hgts Blvd Allentown PA 18104	FP	RADER, MD, Merk D 1251 S Cedar Crest Blvd Allentown PA 18103	OBG
GASTINGER, MD, Joseph W 425 N Main St Allentown PA 18104	IM	JAFARI, MD, Nercy 3740 Lincoln Parkway Allentown PA 18104	TS	KRATZER, MD, Guy L 1447 Hsmlton St Allentown PA 18102	CRS	MECCA, MD, John J 3710 Hamilton St Allentown PA 18104	US	RADIO, MD, Gregory J 1401 N Cdr Crest Blvd Allentown PA 18104	OBG
GAYLOR, MD, Donald H 3781 Devonshire Rd Allentown PA 18103	GS	JAFFE, MD, John S 1405 N Cedar Crest Blvd Allentown PA 18104	U	KRATZER, MD, Glenn S 4293 Clearview Rd Allentown PA 18103	IM	MENGEL, MD, Charles L 304 E Burness Rd Columbia MO 65201	R	RAPHAEL, MD, Paul S 1314 Antler Ct Allentown PA 18104	PM
GAYLOR, MD, Theodore H 1251 S Cdr Crest Blvd 202A Allentown PA 18103	OTO	JEFFERIS, MD, Earl S 1401 N Cdr Crest Blvd 52 Allentown PA 18104	OBG	KRAYNICK, MD, Benjamin M 40 Cedar Crest Blvd S Allentown PA 18104	ORS	MERCADO, MD, Modesto G 421 Chew St Allentown PA 18102	AN	RAPPAPORT, MD, Melvin M 3321 Chestnut Ave Whitehall PA 18052	FP
GEARHART, MD, Lyster M 501 N 17th St Allentown PA 18104	OBG	JERANT, MD, Vincent J 507 Allen St Allentown PA 18102	FP	KREITHEN, MD, Harold 1033 Hsmlton St Allentown PA 18101	IM	MERKLE, MD, Lerry N Med Ctr 17th & Liberty Allentown PA 18104	IM	REINHARDT, MD, Peuline K 825 N Ott St Allentown PA 18104	FP
GELLER, MD, Edward I 1125 Tremont Circle Whitehall PA 18052	FP	JOHNSON, MD, Allen W 1010 Lincoln Ave Northampton PA 18067	FP	KRICUN, MD, Robert 1202 N 36th St Allentown PA 18104	R	MERKLE, MD, Ralph F 219 N Seventh St Allentown PA 18102	FP	REINHART, MD, John W 2200 Hamilton St Allentown PA 18104	FP
GELLER, MD, Michael H 1200 S Cedar Crest Blvd Allentown PA 18105	R	JOHNSON, MD, Cherlee F 218 N 4th St Emmaus PA 18049	IM	KUCHARCZUK, MD, John B 1357 Main St Northampton PA 18067	OBG	MILLER, MD, Joseph A 1210 S Cdr Crest Blvd 2500 Allentown PA 18103	OBG	REININGER, MD, Charles W 2200 Hamilton St Allentown PA 18104	OBG
GERCHMAN, MD, Leroy B 3710 Hamilton St Allentown PA 18104	FP	JOHNSON, MD, Dougless E 2015 Hamilton St Allentown PA 18104	IM	LACHMAN, MD, Bernard E 3415 Congress St Allentown PA 18104	OPH	MINNER, MD, Roger J 143 N 8th St Allentown PA 18101	FP	REX, MD, James C 1275 S Cedar Crest Blvd Allentown PA 18103	TS
GINSBERG, MD, Gene H 1251 S Cedar Crest #212B Allentown PA 18103	IM	JONES, MD, David G 501 N 17th St Allentown PA 18104	OPH	LAM, MD, Carl A 180 Main St Emmaus PA 18049	OBG	MISHKIN, MD, Mark H 1251 S Cedar Crest Blvd Allentown PA 18103	IM	RHODES III, MD, Luther V 1210 S Cdr Crest Blvd 3900 Allentown PA 18103	IM
GITTLEMAN, MD, Merk A 121 N Cedar Crest Allentown PA 18104	GS	JONES, MD, Stuart A 4319 Clearview Dr Allentown PA 18103	R	LAPP, MD, John R P O Box 127 Trexlerstown PA 18087	FP	MONTANER, MD, Cermen G Rd 3 Box 722 Coopersburg PA 18036	AN	RHODES, MD, Michael 1251 S Cedar Crest Blvd Allentown PA 18103	GS
GLAZERMAN, MD, Lerry R 2200 Hamilton St Allentown PA 18104	US	JUNG, MD, Hong I Dept Gen Surgery Fort Hood TX 76544	GS	LASKIN, MD, David A Spring Ridge Apte M-23 Whitehall PA 18052	IM	MONTROSS, MD, Eileen T 5803 Green Tree Ave Wichite Falls TX 78306	GS	RODENBERGER, MD, Bruce M 1251 S Cedar Crest Blvd Allentown PA 18103	OBG
GOLDFARB, MD, Daniel D 121 N Cedar Crest Blvd Allentown PA 18104	P	JUNG, MD, Jsy Soo Box 314 C Quekertown PA 18951	PD	LEET, MD, Thomas E 1247 N Cedar Crest Blvd Allentown PA 18104	R	MOREL, MD, Donald E Allentown Hosp Nuc Med Allentown PA 18102	IM	ROGERS, MD, William E 2887 Fairfield Dr Allentown PA 18103	R
GOLDFARB, MD, Harold J 2004 Allen St Allentown PA 18104	OPH	JUNKER, MD, Bernett J Rd #4 Box 325 Esston PA 18042	AN	LEISTER, MD, C Merrill 1731 W Broad St Bethlehem PA 18018	PD	MORRISON, MD, Allen N 3821 Trexler Blvd Allentown PA 18104	IM	ROLAND, MD, Frederick H 790 Spruce St Emmaus PA 18049	FP
GOLDSMITH, MD, Charles P Liberty Square Med Ctr Allentown PA 18104	OPH	KARRON, MD, Betty 1800 E Lehigh Pky Allentown PA 18103	P	LENHART, MD, Jack A Park View Dr Schnecksville PA 18078	FP	MORRISON, MD, Merjorie G 555 Spring St #803 Bethlehem PA 18018	P	ROMANO, MD, Nicholee M 1342 S Howard St Allentown PA 18103	FP
GOOD, MD, Herry S 1711 Hamilton St Allentown PA 18104	GS	KASPRENSKI, MD, Matthew A 2418 3rd St Whitehall PA 18052	FP	LENTZ, MD, Robert E 2004 S 5th St Allentown PA 18103	FP	MORROW, MD, Gerald J 730 Harrison St Emmaus PA 18049	GS	ROSS, MD, Abraham 421 Chew St Allentown PA 18102	AN
GOPAL, MD, Tirunileyi 1600 Lehigh Pky E Allentown PA 18103	OBG	KATZ, MD, Mitchell E 727 N 19th St Allentown PA 18104	FP	LENER, MD, Samuel M 3655 Fox Run Dr Rd2 Allentown PA 18103	AN	MORROW, MD, Robert A 1259 S Cedar Crest Blvd Allentown PA 18103	NS	ROSSMAN, MD, Mex 1546 Walnut St Allentown PA 18102	P
GORDON, MD, Charles A 1251 S Cdr Crest Blvd 212B Allentown PA 18103	FP	KAUFMAN, MD, Barre D 2202 Tilghman St Allentown PA 18104	IM	LEVINE, MD, Charles R 421 Chew Street Allentown PA 18102	ORS	MULLIN JR, MD, Edward M 1405 Cedar Crest Blvd Allentown PA 18104	U	ROTHENBERGER, MD, Mervin K 206 N 8th St Allentown PA 18102	OTO
GORDON, MD, Michael J 1251 S Cdr Crest Blvd 202A Allentown PA 18103	OTO	KEAN, MD, Dennis W 1551 Turner St Allentown PA 18102	PD	LEVITT, MD, Lawrence P 1033 Hamilton St Allentown PA 18101	N	MUNCHAK JR, MD, John 440 Ridge Ave Allentown PA 18102	FP	SADR, MD, Ferokh S Rd 2 Knollwood Dr Emmaus PA 18049	TS
GREYBUSH, MD, Joseph N 1251 S Cdr Crest Blvd 209A Allentown PA 18103	OBG	KEBLISH JR, MD, Peter A 1730 Chew St Allentown PA 18104	ORS	LEVY, MD, Ellis H 1-G Regency Towers Allentown PA 18103	P	NADER, MD, Joseph N 2200 Hamilton St 208 Allentown PA 18104	IM	SAGOSKIN, MD, Arthur W 2001 Mickleby Run Apte Whitehall PA 18052	OBG
GROSS, MD, Paul K 1600 Lehigh Pky E Allentown PA 18103	P	KELCHNER, MD, Clyde H 1125 Turner St Allentown PA 18102	IM	LIEBERMAN JR, MD, Joseph A 132 Lekeehore Dr N Palm Beach FL 33408	FP	NASS, MD, Joel 2418 Highland St Allentown PA 18104	GS	SARACHEK, MD, Norman S 3231 Oxford Cir S Allentown PA 18104	IM
GRUNBERG, MD, Robert W 3611 Vly Frq Rd S Wiehl Allentown PA 18104	IM	KELLEY JR, MD, Charles F 1251 S Cedar Crest Blvd Allentown PA 18103	PD	LIEBERMAN, MD, Francis A 1751 Turner St Allentown PA 18104	FP	NEDWICH, MD, Alexander 17th & Chew St Allentown PA 18102	PTH	SARUBIN, MD, Daniel R 1825 Sherwood Rd Allentown PA 18103	R
GUZZO, MD, Joseph C 2200 Hamilton St Allentown PA 18104	IM	KENVIN, MD, John E 811 N 19th Allentown PA 18104	PD	LIN, MD, Zhu-Shin 1200 S Cedar Crest Blvd Allentown PA 18105	R	NORMINGTON II, MD, Ernest Y 1401 N Cdr Crest Blvd Allentown PA 18104	OBG	SCAGLIOTTI, MD, Charles J 1831 Linden St Allentown PA 18104	GS
HAFF, MD, Donald W 4 Golf Cir Emmaus PA 18049	FP	KHAN, MD, Abdul A 1275 S Cedar Crest Blvd Allentown PA 18103	TS	LINDENFELD, MD, Arthur Liberty Square Med Ctr Allentown PA 18104	P	OKUNSKI, MD, Walter J 2200 Hamilton St Allentown PA 18104	PS	SCHADT JR, MD, Oliver S 721 Turner St Allentown PA 18102	FP
HAMADANI, MD, Houshang G 1600 Lehigh Pky Ste 1L Allentown PA 18103	P	KHINDRI, MD, Chelen D 1040 S Cedar Crest Blvd Allentown PA 18103	TS	LISTWA, DO, Howard M 1425 Lincoln Parkway W Allentown PA 18104	OBG	OVITZ, MD, Morris 1245 N Ott St Allentown PA 18104	P	SCHAEFFER, MD, Frencee C 30 N Eighth St Allentown PA 18101	OBG
HARMAN, MD, Robert G P O Box 127 Trexlerstown PA 18067	FP	KHUBCHANDANI, MD, Indru T 1275 S Cedar Crest Blvd Allentown PA 18103	CRS	LOMBOY, MD, Norma T 2949 Allen St Allentown PA 18104	IM	PALERMO, MD, Louis M 53 Pleeeent Rd Rd7 Allentown PA 18103	AN	SCHENCK, MD, Paul H 1349 Wincheeler Rd Allentown PA 18104	OPH
HARRIS, MD, Stanley R 106-K Village Round Wescosville PA 18106	R	KIBELSTIS, MD, John A 1730 Chew St Allentown PA 18104	IM	LONDON, MD, Richard L 1015 N 32nd St Allentown PA 18104	IM	PANEBIANCO, MD, Antonio C 1275 S Cedar Crest Blvd Allentown PA 18103	TS	SCHRAGGER, MD, Allen H 1317 Hamilton St Allentown PA 18102	D
HARTZELL JR, MD, George W 121 N Cedar Cst Blvd #2 Allentown PA 18104	GS	KIESEL, MD, Robert 3710 Hamilton St Allentown PA 18104	OPH	LONG, MD, Elmer C 17th & Liberty St Allentown PA 18102	PD	PASCAL, MD, Joseph 1251 S Cedar Crest Blvd Allentown PA 18103	U	SCHWINGE, MD, Elaine A 101H Village Round Wescosville PA 18106	P
HARVEY, MD, Kenneth L 302 Walnut St Cetesauque PA 18032	FP	KIM, MD, Chung H 3081 Elm Dr Allentown PA 18103	R	LONGENHAGEN, MD, John B 2200 Hamilton St Allentown PA 18104	IM	PERSON, MD, Morgen D 1336 Hamilton St Allentown PA 18102	FP	SECKINGER, MD, Raymond P 138-150 S 4th St Allentown PA 18102	OS
HASTINGS JR, MD, Leo J 324 N 6th St Allentown PA 18102	FP	KIM, MD, Jin I 4350 Clearview Dr Allentown PA 18103	AN	LUSSEY, MD, Merthe A 1251 S Cdr Crest 301A Allentown PA 18103	N	PETERS, MD, Alexander M 45 N 11 Th St Allentown PA 18101	IM	SELL, MD, Charles P J 2 Wstlwd Crnl Mnr Cornwall PA 17018	IM
HEFFERNAN, MD, Andrew H 2200 Hamilton St Allentown PA 18104	PS	KINTZEL, MD, James E 2200 Hamilton St Allentown PA 18104	IM	LUTZ, MD, Ronald A 528 Mickleby Rd Whitehall PA 18052	IM	PETERS, MD, Charles D Liberty Sq Med Ctr Allentown PA 18104	IM	SEMBROT, MD, Joseph T 17th & Liberty Sts Allentown PA 18104	IM
HEILIGMAN, MD, Nathan H 1275 S Cedar Crest Blvd Allentown PA 18103	IM	KISTLER, MD, Kermit K 106 N 13th St Allentown PA 18102	OPH	LUTZ, MD, Raymond J 3815 Highland St Allentown PA 18104	R	PHELAN, MD, William J 3131 College Hgts Blvd Allentown PA 18104	PD	SHAMAI, MD, Heroun A 1331 Hamilton St Allentown PA 18102	IM
HEINTZELMAN, MD, George W Nefts PA 18065	FP	KLAASSEN, MD, Johanne H 3117 Lehigh St Allentown PA 18103	P	MAFFEO, MD, Alphonse A 2495 Brierwood Circle Emmaus PA 18049	AN	POST, MD, Robert M 1730 Chew St Allentown PA 18104	IM	SHEETS, MD, Jemee A 1275 S Cedercrct Blvd Allentown PA 18103	CRS
HERTZ, MD, Charles S Pocono Lake Preserve PA 18348	GS	KLASKO, MD, Stephen K Allentown Gen Hosp Allentown PA 18102	OBG	MAOUERA, MD, Andres G 3710 Hamilton St Allentown PA 18104	GS	PRAGER, MD, David 1394 North 39th St Allentown PA 18104	US	SHERWIN, MD, Gerald P 3131 College Hts Blvd Allentown PA 18104	GS
HILL, MD, E Merton 1833 W Congress St Allentown PA 18104	PRM	KLECKNER, MD, Francis S 1275 S Cedar Crest Blvd Allentown PA 18103	IM	MARTIN, MD, Frederick H 308 Main St Emmaus PA 18049	FP	PROOTHI, MD, Subhesh C 1180-F S Cedar Cst Blvd Allentown PA 18103	IM	SHIEH, MD, Ken C Sacred Heart Hospital Allentown PA 18102	R
HOFFMAN, MD, Arthur D 427 N 28th St Allentown PA 18104	IM	KLOIN, MD, Joy E 3643 Valley Forge Rd Allentown PA 18104	IM	MARTZ, MD, Merk N 1275 S Cedar Crest Blvd Allentown PA 18103	TS	PROROK, MD, Joseph J 2833 Greenleaf St Allentown PA 18104	GS	SHOLEHVAR, MD, Javed 1251 S Cdr Crest Blvd Allentown PA 18103	OTO
HOLLAND JR, MD, Clarence A 421 Chew St Allentown PA 18102	GS	KLOTZ, MD, Donald J 36 S 17th St Allentown PA 18104	FP	MARVI, MD, Devoud 809 N 29th St Allentown PA 18104	P	PROVOST, MD, George L 2134 Liberty St Allentown PA 18104	FP	SHORE, MD, Stephen R 2843 Tilghman St Allentown PA 18104	IM
HOLLAND, MD, Clarence A 421 Chew St Allentown PA 18102	GS	KNAPPER, MD, Elizabeth J 2250 Tilghman St Allentown PA 18104	D	MCCONNELL JR, MD, Charles S 1251 S Cdr Crest Blvd 110 Allentown PA 18103	OTO	PURSELL, MD, Robert N 3518 Mergete Dr Bethlehem PA 18017	IM	SIEGER, MD, Charles E 2438 Millbrook Dr Emmaus PA 18049	R
HOUIDES, MD, Athenesios C 219 N 17th St Allentown PA 18104	GS	KNECHT, MD, Charles L 111 E Harrison St Emmaus PA 18049	R	MCDONOUGH, MD, Gerard A 1275 S Cedar Crest Blvd Allentown PA 18103	TS	PUSCHAK, MD, Russell B 3131 College Hgts Blvd Allentown PA 18104	PD	SIEGFRIED, MD, Myrtle M 1344 Hamilton St Allentown PA 18102	FP
HUDSON JR, MD, Howard E 421 Chew St Allentown PA 18102	AN								

SILBERG, MD, Samuel J 1111 N 19th St Allentown PA 18104	U	UMLAUF, MD, Charles W 2200 Hamilton Ste 300 Allentown PA 18104	P	ANDREWS, MD, Paul J 135 Henover St Wilkes-Barre PA 18702	ORS	BURAK, MD, William E 10 W Dorrance St Kingston PA 18704	U	DANISHANKO, MD, Albert G 174 Scott St Wilkes-Barre PA 18702	FP
SILON, MD, Nathaniel Allentown Hosp Assn Allentown PA 18102	R	VERNICK, MD, Clifford G 1730 Chew St Allentown PA 18104	ORS	ANDRIOLE, MD, Gerald L 10 W Broad St Hazleton PA 18201	U	BURKE, MD, Petrick J 1010 E Mountain Dr Wilkes-Barre PA 18702	PD	DAS, MD, Nirode C Church Rd Trucksville PA 18708	IM
SILVERBERG, MD, Bruce J 1259 S Cdr Cst Blvd 336 Allentown PA 18103	IM	VEICHNICKI, MD, Michael B 4387 Heather Ln Allentown PA 18103	FP	ANSELM, MD, Lanning A 206 Carverton Rd Trucksville PA 18708	FP	BURNS, MD, Charles N 279 Joseph Dr Kingston PA 18704	U	DATTNER, MD, Herman B 1000 United Penn Bank Wilkes-Barre PA 18701	OTO
SILVERMAN, MD, Howard A 3131 College Hgts Blvd Allentown PA 18104	FP	VIGILANTE, MD, Michael 1344 Hamilton St Allentown PA 18102	OBG	ANZALONE, MD, Angelo A Box 314 Rd#5 Shavertown PA 18708	FP	BUTCOFSKI, MD, James S 245 E South St Wilkes-Barre PA 18702	FP	DAVIS, MD, George B 258 N Maple Ave Kingston PA 18704	FP
SILVERMAN, MD, Morton I 1323 Hamilton St Allentown PA 18102	IM	VINCENT, MD, Joseph E 4133 Kilmer Ave Allentown PA 18104	IM	AUERBACH, MD, Herman L 2 E Broad St Hazleton PA 18201	IM	BUTT, MD, Hameed A 406 Hazleton Natl Bank Hazleton PA 18201	GS	DAW, MD, William J Box 457B Rd #4 Dallas PA 18612	U
SILVERMAN, MD, Morton L 4334 Valley Dr Allentown PA 18104	IM	WALKER, MD, Andrew B 2750 Gordon Allentown PA 18104	GS	BAHNMILLER, MD, Edwin C 317 S River St Wilkes-Barre PA 18702	FP	CAMPBELL, DO, Thomas M Sterling & Machell Aves Dallas PA 18812	FP	DEBONIS, MD, Charles S 972 Wyoming Ave Forty Fort PA 18704	IM
SINCLAIR, MD, Michael C 1275 Cedar Crest Blvd Allentown PA 18103	TS	WALP, MD, Frederic M Po Box 852 Pottstown PA 19464	FP	BAKER, MD, Thomas E 810 Wyoming Ave Kingston PA 18704	IM	CAREY, MD, Edward J Nerrows Office Bldg Kingston PA 18704	FP	DECURTIS, MD, George M 465 Wyoming Ave Kingston PA 18704	FP
SINGER, MD, William H 421 Chew St 3C Allentown PA 18102	AN	WAPNER, MD, John M 2015 Hamilton St Allentown PA 18104	OPH	BENOVITZ, MD, Burton S 425 Tioga Ave Kingston PA 18704	OBG	CAREY, MD, John L Nerrows Mall Off Bldg Edwardsville PA 18704	IM	DEGENNARO, MD, Patrick J Wilkes-Barre Gen Hosp Wilkes-Barre PA 18784	R
SIPES, MD, Earl K 2602 Lindberg Ave Allentown PA 18103	GS	WASKO, MD, Robert 1111 N 19th St Allentown PA 18104	U	BERLEY, MD, Benjamin S 28 Pierce St Kingston PA 18704	IM	CARLO, MD, Jose A 612 Westmoreland Ave Kingston PA 18219	IM	DEJOSEPH, MD, Robert L 1730 E Broad St Hazleton PA 18201	IM
SKWEIR, MD, Leon A R D 2 Box 310 Allentown PA 18103	P	WASSERMAN, MD, Ronald E 1251 S Cdr Cst Blv 301A Allentown PA 18103	N	BERRETTINI, MD, Achilles A 85 W Union St Wilkes-Barre PA 18702	OTO	CASTERLINE, MD, Charlotte L 5 Old Well Le Hgh Pt Acr Dallas PA 18812	IM	DEPASQUALE, MD, Sam C 480 Pierce St Kingston PA 18704	GS
SMITH JR, MD, George S 1139 Meadowbrook Cir Allentown PA 18103	OBG	WEAVER, MD, Harold P 2211 Fairview St Allentown PA 18104	GS	BESIN, MD, Lee T 534 Wyoming Ave Kingston PA 18704	FP	CASTERLINE, MD, Peter F 35 W Linden St Ste 220 Wilkes-Barre PA 18702	GS	DESSEN, MD, Edgar L Northeastern Bank Bldg Hazleton PA 18201	R
SMITH JR, MD, Raymond M 1123 N 18th St Allentown PA 18104	AN	WEINSTEIN, DO, Allen J 2177 Brookheven Drive W Allentown PA 18103	R	BHAT, MD, K Ramakrishna Med Arts Bldg 8 Chrch St Wilkes-Barre PA 18702	OBG	CAVAN, MD, Albina B 352 S River St Wilkes-Barre PA 18702	FP	DIORIO, MD, James P 1217 Wyoming Ave Forty Fort PA 18704	IM
SMITH, MD, Jere P 811 N 19th St Allentown PA 18104	PD	WEIS, MD, Paul R 1453 Linden St Allentown PA 18102	IM	BLAUM JR, MD, Louis C 25 Church St Wilkes-Barre PA 18765	TS	CAVAN, MD, John F 30 Wyoming St Wilkes-Barre PA 18702	FP	DIORIO, MD, Norina M 270 William St Pittston PA 18848	FP
SNYDER, MD, Stanley 2200 Hamilton Allentown PA 18104	OBG	WENGER, MD, Robert E 2124 Greenleaf St Allentown PA 18104	P	BLAUM SR, MD, Louis C 25 Church St Mercy Hosp Wilkes-Barre PA 18785	GS	CHANG, MD, Chun S 103 S Main St Wilkes-Barre PA 18702	P	DITTMAN, MD, Thomas H 2 East Broad St Hazleton PA 18201	IM
SOSIS, MD, Arthur C 1317 Hamilton St Allentown PA 18102	D	WESTON, MD, Kenneth R R D 1 Box 143 C Breinigsville PA 18031	ORS	BLUM, MD, Mervin 35 W Linden St 340 Wilkes-Barre PA 18702	IM	CHILDS, MD, Robert W 1730 East Broad St Hazleton PA 18201	PD	DORNBLASER, MD, George B 403 Haz Netl Bank Bldg Hazleton PA 18201	FP
SOUDER, MD, C Lawrence 757 E Mein St Apt G202 Lansdale PA 19446	P	WHITE, MD, Richard K 1702 Walnut St Allentown PA 18104	ORS	BLUM, MD, Richard H 35 W Linden St Wilkes-Barre PA 18702	IM	CHOLLAK JR, MD, Joseph P 534 Wyoming Ave Kingston PA 18704	FP	DOUGHERTY, MD, Edward S 31 Timpson St Ashley PA 18706	FP
STAMATAKOS, MD, Michael J Sacred Heart Hosp Allentown PA 18102	R	WHITSON, MD, David W 2863 Edgemont Dr Allentown PA 18103	OBG	BOBECK, MD, Joseph J 841 Main St Sugar Notch PA 18706	FP	CHOLLAK, MD, Joseph P 19018 Concho Cir Sun City AZ 85373	FP	DRAPIEWSKI, MD, John F 40 Tilbury Terr W Naticoke PA 18634	PTH
STASKI JR, MD, John J 1275 Cedar Crest Blvd Allentown PA 18103	GS	WIDGE, MD, Toeruna S R D #1 Box 259 Mertztown PA 19539	AN	BOBECK, MD, John J 534 Wyoming Ave Kingston PA 18704	FP	CHRISTOFORATOS, MD, Demetragelos, AN 173 Wilson Dr Hazleton PA 18201	AN	DRAPIEWSKI, MD, Vincent A 8 Church St Wilkes-Barre PA 18702	IM
STELLMACHER, MD, Virginia M 1251 S Cdr Cst Blvd 108D Allentown PA 18103	P	WILKINS, MD, Byron D 2438 Hamilton St Allentown PA 18104	CRS	BOBEN, MD, William R 318 S Franklin St Wilkes-Barre PA 18702	FP	CHRISTOFORATOS, MD, Louise V Hazleton Nat Bk #815-616 Hazleton PA 18201	OBG	DRESZER, MD, George L 425 S Franklin St Apt 12 Wilkes-Barre PA 18702	P
STELZER, MD, Frederick A Ste 1-B 421 Chew St Allentown PA 18102	IM	WILLIAMS, MD, David O 2200 Hamilton St Allentown PA 18104	R	BOHN, MD, Merk W Uhhs 534 Wyoming Ave Kingston PA 18704	FP	CHUNG, MD, Chen K 8 Church St Wilkes-Barre PA 18702	PS	EARLES, MD, Gordon H 534 Wyoming Ave Kingston PA 18704	FP
STEPHENS JR, MD, Harry W Rd 2 Riverbend Rd 274A Allentown PA 18103	NS	WILSON, MD, Richard C 2200 Hamilton St Allentown PA 18104	IM	BONACCI, MD, Richard J 88 Market St Trescow PA 18254	FP	CHUNG, MD, Hi-Young 171 Stenton St Wilkes-Barre PA 18702	OBG	ENGLISH, MD, Richard B Nerrows Office Bldg Kingston PA 18704	FP
STIERSTORFER, MD, Max J 1123 N Van Buren St Allentown PA 18103	FP	WOLSON, MD, Allen H 1467 Wedgewood Rd Allentown PA 18104	R	BONITA, MD, Louis B 234 S River St Plains PA 18705	FP	CIOTOLA, MD, Augustine A 565 N Laurel St Hazleton PA 18201	FP	FELLERMAN, MD, Herbert 35 W Linden St Ste 310 Wilkes-Barre PA 18702	IM
STRAUSS, MD, Robert D 1251 S Cdr Cst Blvd 110 Allentown PA 18103	OTO	YAMASHITA, MD, Takeo 1829 Hamilton St Allentown PA 18102	GS	BONITA, MD, Raphael 234 S River St Plains PA 18705	IM	CLARK III, MD, Bernard A Box 362 Rd#2 Sugarloaf PA 18249	IM	FERRY, MD, Philip J 290 Chestnut Ave Kingston PA 18704	CRS
STULL JR, MD, Welter F 1129 N Van Buren St Allentown PA 18103	FP	YANG, MD, Wen-Shiong 1200 S Cedar Crest Blvd Allentown PA 18105	AN	BOONIN, MD, Alan Rural Health Corp Noxen PA 18636	US	CLEARFIELD, DO, William M 534 Wyoming Ave Kingston PA 18704	FP	FESCIANA, MD, Joseph V 217 N Laurel St Hazleton PA 18201	OBG
SUSSMAN, MD, David 1401 N Cedar Crest Blvd Allentown PA 18104	ORS	YEN, MD, Conception T 1051 N 18th St Allentown PA 18104	PTH	BOYLE, MD, Hugh G 1732 Wyoming Ave Forty Fort PA 18704	R	COHEN, MD, Sheldon G Niald Rm 7A52 Bldg 31 Bethesda MD 20014	IM	FISCHER JR, MD, Herman A 25 W Ross St Wilkes-Barre PA 18702	FP
SUSSMAN, MD, Sylvia 3045 Whitehall St Allentown PA 18104	AN	YIP, MD, Luke C 1275 S Cedar Crest Blvd Allentown PA 18103	TS	BOYLE, MD, William H 1732 Wyoming Ave Forty Fort PA 18704	FP	COLANGELO, MD, Anthony 534 Wyoming Ave Kingston PA 18704	FP	FOLDES, MD, Julius 105 W Broad St Hazleton PA 18201	PTH
TALBOT, MD, Shelagh K 1229 Lehigh Pkwy S Apt 7 Allentown PA 18103	OBG	ZALADONIS, MD, Joseph J 1809 Columbine Ave Bethlehem PA 18018	FP	BRADY, MD, John C 13 Lee Perk Ave Wilkes-Barre PA 18702	FP	CONAHAN, MD, Thomas J 336 W Green St Hazleton PA 18201	R	FREEDMAN, MD, Louis J 584 Westmoreland Ave Kingston PA 18704	OBG
TAN, MD, Antonius H 6 Golf Circle Emmeus PA 18049	R	ZALADONIS, MD, Sylvie P 1809 Columbine Ave Bethlehem PA 18018	FP	BRENNAN, MD, John P 50 W Ridge St Naticoke PA 18834	IM	COOPER, MD, David R 1010 East Mountain Dr Wilkes-Barre PA 18702	ORS	FRIED, MD, Martin B No & River Sts Cths Sq Wilkes-Barre PA 18702	IM
TATE, MD, Frederick J 751 N 7th St Allentown PA 18102	FP	ZIEGLER, MD, Anne M R 1 Box 105D Copley PA 18037	OBG	BRILMYER, MD, George J 711 N Broom St Wilmington DE 19805	US	COOPER, MD, Helen C 42 E Main St Plymouth PA 18651	FP	FRIEDMAN, MD, Henry B 810 Wyoming Ave Kingston PA 18704	IM
TERMINI, MD, Joseph T 898 Cedar Crest Blvd S Allentown PA 18103	FP			BROWN, MD, Robert L 534 Wyoming Ave Kingston PA 18704	IM	COOPER, MD, Joseph E 380 Old River Rd Wilkes-Barre PA 18702	FP	FRIEND, MD, Arthur 2107 S W 22nd Court Boynton Beach FL 33435	IM
TILLY, MD, David A 1259 S Cedar Crest Blvd Allentown PA 18103	NS	ABBOTT, MD, Albert J 203 E Green St Naticoke PA 18634	OPH	BRUNACCI, MD, Alfred W 3 Fordham Rd R D 2 Wilkes-Barre PA 18702	ORS	CORAZZA, MD, Leo J 2 East Broad St Hazleton PA 18201	IM	FRYE, MD, John W 8 Cedar Dr Birchwood Hls Plains PA 18705	OBG
TOMPA, MD, Alexander F 125 N 8th St Allentown PA 18101	FP	ABRANTES, MD, F Jorge 610 Wyoming Ave Kingston PA 18704	GS	BRUNO JR, MD, Joseph N 1318 Susquehanna Ave W Pittston PA 18643	R	COREY, MD, Peter J 35 W Linden St Su 220-A Wilkes-Barre PA 18702	GS	FURNER, DO, Carl L 738 W Diamond Ave Hazleton PA 18201	IM
TOONDER, MD, F Geoffrey 1251 Cedar Cst Blvd 212B Allentown PA 18103	TS	AICHER, MD, D Creig 337 Wyoming Ave Kingston PA 18704	OPH	BRUNO, MD, James R 1099 S Township Blvd Pittston PA 18840	IM	CORRIGAN, MD, Lawrence F 29 W Holly St Hazleton PA 18201	OBG	GAIA, MD, Juan D 451 3rd Ave Kingston PA 18704	R
TRACHTENBERG, MD, William M 2004 Allen St Allentown PA 18104	OPH	ALEXANDERIAN, MD, Harry A 1010 Susquehanna Ave West Pittston PA 18643	OBG	BRUNO SR, MD, Joseph N 1304 Susquehanna Ave West Pittston PA 18843	R	COYLE, MD, John J Citizens Bank Bldg Hazleton PA 18201	OPH	GALLAGHER, MD, Henry G 35 Lake St Dallas PA 18612	FP
TREVASKIS, MD, Allen E 2200 Hamilton St Allentown PA 18104	PS	ALLEN, MD, Gregg P 534 Wyoming Ave Kingston PA 18704	FP	BUCAN, MD, Michael 8 W Center St Shavertown PA 18708	FP	CRAMTON, MD, David C 810 Wyoming Ave Kingston PA 18704	IM	GAUDIO, MD, John C 425 Tioga Ave Kingston PA 18704	PD
TRIMPI, MD, Howard D 1275 Cedar Crest Blvd Allentown PA 18103	CRS	ALLEY, MD, Richard A 480 Pierce St Ste 216 Kingston PA 18704	IM	BUCKEY, MD, Joseph T 10 Birch St Mountaintop PA 18707	FP	CROMPTON, MD, Richard E 206 Carverton Rd Trucksville PA 18708	FP	GAZEK, MD, Francisco A 2 East Broad St Hazleton PA 18201	IM
TROXEL, MD, Richard S 46 S 13th St Allentown PA 18102	FP	AMBRUSO, MD, Victor T 480 Pierce St Kingston PA 18704	NS	BUCKMAN, MD, Lewia T 28 W River St Wilkes-Barre PA 18702	OPH	CZWALINA, DO, Robert Rd #3 Beverly Dr Wyoming PA 18644	FP	GAZOWSKI, MD, Thomas E 82 Division St Kingston PA 18704	FP
TUFFIASH, MD, William A 1251 S Cedar Crest Blvd Allentown PA 18103	IM	AMENTLER, MD, John P 833 South St Freeland PA 18224	FP	BUCKMAN, MD, Samuel T 70 S Franklin St Wilkes-Barre PA 18701	OPH	DAINIUS, MD, Altonas 28 Hillcrest Dr Dallas PA 18612	FP	GIBBONS, MD, Robert J 12 W Broad St Hazleton PA 18201	GS
UFBERG, MD, Michael H 3748 W Highland St Allentown PA 18104	IM	ANDREWS, MD, Peter J 195 E Mein St Wilkes-Barre PA 18705	FP	BURAK, MD, Robert F 818 Wyoming Ave Kingston PA 18704	FP	DANCA, MD, Alfred F 35 W Linden St Wilkes-Barre PA 18702	ORS	GIERING, MD, John F 84 James St Kingston PA 18704	IM

GILL, MD, John J 451 3rd Ave Kingston PA 18704	R	KAMEEN, MD, Anthony J 1122 United Penn Bank Wilkes-Barre PA 18701	OPH	LOFTUS, MD, Joseph A 10 Union St Wilkes-Barre PA 18705	FP	OWENS, MD, David E 245 E South St Wilkes-Barre PA 18072	FP	RUGGIERO, MD, Nicholas J Courthouse Sq Tws 460 Wilkes-Barre PA 18702	FP
GRABOWSKI, MD, Merie A 259 E Union St Nanticoke PA 18634	PD	KANTOR, MD, Milton 245 E South St Wilkes-Barre PA 18702	IM	LONG, MD, Julian S 87 Public Sq Wilkes-Barre PA 18701	IM	PACURARIU, MD, Redu I 82 S Washington St Wilkes-Barre PA 18701	OPH	RUMBAUGH, MD, Marshall U R D 1 Box 507 Delles PA 18612	U
GRECO, MD, Victor F Greco Mem Arts Bldg Drums PA 18222	GS	KAQ, MD, Yu S 9 Fernhouse Rd Mountain Top PA 18707	N	LOTTICK, MD, Edward A 789 Wyoming Ave Kingston PA 18704	FP	PADEN, MD, Druce R 245 E South St Wilkes-Barre PA 18702	FP	RUTA, MD, John P 83 S Washington St Wilkes-Barre PA 18701	IM
GRIESMER, MD, Paul D 425 Tioga Ave Kingston PA 18704	OBG	KENNEDY, MD, John N Rd 1 Box 5 Herveys Lake PA 18618	FP	LOVRINIC, MD, Daniel F 1710 E Broed St Hazleton PA 18201	ORS	PANZER, MD, Glenn M 534 Bennett St Luzerna PA 18709	US	SAHILLIOGLU, MD, Refik Mercy Hospital Wilkes-Barre PA 18765	IM
GROSSMAN, MD, Ira C 10 W Dorrence St Kingston PA 18704	U	KERR, MD, Robert M 204 S Franklin St Wilkes-Barre PA 18701	IM	LUCCHINO, MD, David B Rd 5 Box 312 Shevertown PA 18708	TS	PEGUERO, MD, Oscar A 1730 E Broed St Hazleton PA 18201	TS	SAIDMAN, MD, Lester M 57 Gibson Ave Kingston PA 18704	FP
GROW, MD, David V 15 Fordhem Rd Oakwood Pk Wilkes-Barre PA 18702	IM	KETRICK, MD, James P 2 East Broed St Hazleton PA 18201	GS	LUCHI, MD, Angalo L 395 S River St Wilkes-Barre PA 18702	IM	PELCZAR, MD, Eugene W 71 Tibury Terr W Nenticoke PA 18634	OS	SALAZAR, MD, Pedro A 54 N Locust St Hazleton PA 18201	U
GUNDERSON, MD, Robert L 1710 E Broed St Hazleton PA 18201	ORS	KIELAR, MD, Edward J 30 W Main St Glen Lyon PA 18617	IM	LUNG, MD, Richard J 111 Hill Top Rd Hazleton PA 18201	PS	PENUGONDA, MD, Dwereki B 28 Merjona Ave Wilkes-Barre PA 18702	PD	SAMII, MD, Abdul H 10 W Dorrence St Kingston PA 18704	N
GUNSTER, MD, Gerold D Rd 1 Upper Demunds Rd Dallies PA 18612	OBG	KIM, MD, Hyung-Bee 171 Stenton St Wilkes-Barre PA 18702	OBG	MACKALL, MD, Samuel J 480 Pierce St Kingston PA 18704	NS	PENUGONDA, MD, Haragopal S 35 W Linden St Wilkes-Barre PA 18702	U	SARAS, MD, Peter L 101 S Laurel St Hazleton PA 18201	IM
GUTTERMAN, MD, Paul Sts 802-804 N E Bldg Hazleton PA 18201	NS	KISTLER, MD, Charles J Leka Silkavorth Rd 2 Hunlock Creek PA 18621	OPH	MAGUIRE, MD, Maureen R 534 Wyoming Ave Kingston PA 18704	FP	PEPPER, MD, Donald J Rd 2 Lehighton PA 18035	FP	SAVAGE, MD, Pater J 28 Canter Ave Plymouth PA 18651	FP
HABER, MD, Arthur S 214-19 Northeastern Bldg Hazleton PA 18201	R	KISTLER, MD, David W 245 E South St Wilkes-Barre PA 18702	FP	MANGANIELLO, MD, Charles M 49 S Main St Lippi Blvd Pittston PA 18640	FP	PERKINS, MD, Charles G 260 Toftrees Ave Apt 317 State College PA 16801	FP	SCHADE, MD, John F 609 Hazleton Natl Bank Hazleton PA 18201	GS
HAKKARINEN, MD, William D 45 Lake St Delles PA 18612	FP	KISTLER, MD, Walter W 142 Henover St Wilkes-Barre PA 18702	FP	MANRIQUE, MD, Jose V 8 Church St Wilkes-Barre PA 18702	IM	PETERS JR, MD, Robert H 1221 Wyoming Ave Forty Fort PA 18704	FP	SCHEERS, MD, George F 311 Hazleton Natl Bank Bldg Hazleton PA 18201	OBG
HALEY, MD, Stephen E 18 Holcomb Rd Shavertown PA 18708	FP	KLEIN, MD, Joseph M 425 Tioga Ave Kingston PA 18704	PD	MARSDEN, MD, Wilson C Menor Rd Apt 80C Edwardsville PA 18704	OPH	PETERS, MD, Frank S 173 E Broad St Nanticoke PA 18634	FP	SCHLOWITZ, MD, Albart 35 W Linden St Wilkes-Barre PA 18702	GS
HANLON, MD, Paul A 8 Church St 2nd Fl Wilkes-Barre PA 18702	OBG	KLEM, MD, Albert J 194 Dorrence St Kingston PA 18704	OBG	MARTYAK, MD, Emil T 2 E Broed St Hazleton PA 18201	FP	PICCIONE, MD, Frank V Route Rd3 Box 21 Drums PA 18222	IM	SCHLESINGER, MD, Sem 218 W 10th St Hazleton PA 18201	FP
HARRIS, MD, Herold J 228 S Franklin St Wilkes-Barre PA 18702	OS	KOEHL JR, MD, C Werren Elmcrest Dr Delles PA 18612	U	MARTYAK, MD, Gabriel S 736 Jecane Wey North Palm Bch FL 33408	FP	PIEKARSKI, MD, Joseph W 27 E South St Wilkes-Barre PA 18701	P	SCHMIDT, MD, Arnold P 55 Spruce St Mountaintop PA 18707	FP
HARRIS, MD, Howard Y 40 James St Kingston PA 18704	PD	KOENIG, MD, Johann A 646 N Church St Hazleton PA 18201	PTH	MARTYAK, MD, Nicholas A 1035 E Chestnut St Hazleton PA 18201	PD	PILAREK, MD, Valentine F 40 N Market St Nanticoke PA 18634	FP	SCHOOLEY, MD, Frank B 150 Lake St Delles PA 18612	FP
HARRIS, MD, Ronel I 35 W Linden St Wilkes-Barre PA 18702	IM	KONECKE, MD, M Louis 33 Forest Rd Mountaintop PA 18707	P	MASCALI, MD, Angelo A 55 Mechall Ave Dallas PA 18612	FP	PINCOFSKY, MD, Daboreh A 534 Wyoming Ave Kingston PA 18704	FP	SCHREINER, MD, Glenwood R 30 W Broed St West Hazleton PA 18201	FP
HAZLETT, MD, Jane 480 Pierce St Rm 319 Kingston PA 18704	OBG	KOO, MD, Wook H Mountainview Dr Delles PA 18612	AN	MATSKO, MD, Michael E 93 N Kennady Dr Mc Adoo PA 18237	FP	POLIDORA, MD, Frank C 1710 E Broed St Hazleton PA 18201	ORS	SCHUBERT, MD, Timothy T 35 W Linden St Wilkes-Barre PA 18702	IM
HAZLETT, MD, William H 534 Wyoming Ave Kingston PA 18704	OBG	KORN, MD, John J 825 S Main St Wilkes-Barre PA 18702	FP	MATSKO, MD, Stephen E 15 Trescow Rd Mcadoo PA 18237	GS	POSATKO, MD, Peter C 52 Hudson Rd Plains PA 18705	FP	SCHULMAN, MD, Norman Wilkes-Barre Gan Hosp Wilkes-Barre PA 18764	R
HERNANDEZ, MD, Wilbert E 1172 Scott St Wilkes-Barre PA 18705	AN	KOTCH, MD, Michael J 40 N Market St Nanticoke PA 18634	FP	MCALOOSE, MD, Louis T Hersheys MI 40 Ashton Wy West Chester PA 19360	U	POTERA, MD, Leo P 269 Church St Kingston PA 18704	IM	SCHULTZ, MD, John G 245 E South St Wilkes-Barre PA 18702	FP
HEYDT, MD, Stuart 1010 E Mountsin Dr Wilkes-Barre PA 18702	GS	KOWALSKI, MD, Joseph J 480 Pierce St Ste 112 Kingston PA 18704	P	MCGRATH, MD, Edmund W Box 83 Lahman PA 18627	FP	PRASAD, MD, Shishir C Oregon Hts Pittston PA 18640	GS	SCHWAGER, MD, Robert M 1010 E Mountain Dr Wilkes-Barre PA 18702	OTO
HOLLERAN, MD, Bernerd L 308 W 8th St Wyoming PA 18644	IM	KOZLEK, MD, Thomas F 534 Wyoming Ave Kingston PA 18704	OTO	MEHOLCHICK, MD, Jean Merie 5309 Plymouth St Boise ID 83704	FP	PUGLIESE, MD, Joseph F 480 Pierce St Kingston PA 18704	OPH	SCOTT, MD, Alvin J 89 W Union St Shickshinny PA 18655	FP
HORAN, MD, H Walter 8 Church St 2nd Fl Wilkes-Barre PA 18702	OBG	KRAJESKI, MD, Delphin S 72 W River St Wilkes-Barre PA 18702	CRS	MENIO, MD, John N Uhhs 534 Wyoming Ave Kingston PA 18704	FP	PUMA, MD, Samuel J 44 W Bennett St Kingston PA 18704	GS	SCOTT, MD, Durella T 810 Wyoming Ave Kingston PA 18704	IM
HORVAT, MD, Arthur J 449 Stephenson St Duryee PA 18642	GS	KRAMER, MD, Arnold 71 W River St Wilkes-Barre PA 18702	PD	MEYER, MD, Arthur N 21 E Dorrence St Kingston PA 18704	FP	PUTPRUSH, MD, Joseph R Pittston Hosp Pittston PA 18640	PTH	SCROBOLA, MD, Charles C 838 Wyoming Ave Wyoming PA 18644	FP
HOWANITZ, MD, Emil P 819 United Penn Bank Bldg Wilkes-Barre PA 18701	GS	KRIVENKO, MD, Charles A Sterling & Mechell Ave Delles PA 18612	FP	MITCHELL, MD, Clyde P 534 Wyoming Ave Kingston PA 18704	FP	PYUN, MD, Kwang W 401-403 First Vly Bank Hazleton PA 18201	OBG	SENDAR, MD, Merk 534 Wyoming Ave Kingston PA 18704	FP
HUDDOCK JR, MD, George E 51 E Valley View Dr Courtdele PA 18704	PTH	LABBATE, MD, Victor A 35 W Linden St Wilkes-Barre PA 18702	IM	MOKYCHIC, MD, Walter E 42 N Pioneer Ave Shavertown PA 18708	FP	RACHO, MD, George J 22 N Church St Hazleton PA 18201	OTO	SEROSKA, MD, Phillip J 119 Forest Rd Mountaintop PA 18707	FP
HUSAIN, MD, Zehid 35 W Linden St Wilkes-Barre PA 18702	IM	LABUZ, MD, Eugene F 741 W Diamond Ave Hazleton PA 18201	GS	MONTGOMERY, MD, Charles C 924 S Franklin St Wilkes-Barre PA 18702	FP	RAKLEWICZ, MD, Michael C Cithousa Sq Tws North St Wilkes-Barre PA 18702	ORS	SGARLAT, MD, Joseph R 109 James St Kingston PA 18704	ORS
HYMAN, MD, Jacob G 295 S River St Wilkes-Barre PA 18702	FP	LAKATOS, MD, Nicholas R 143 E Broed St Nanticoke PA 18634	FP	MOORE, MD, David H 236 Mechell Ave Dallas PA 18612	IM	REICH, MD, Sylvia R 171 Wyoming Ave Wyoming PA 18644	FP	SHAFER, MD, Edward A 219 N Sprague Ave Kingston PA 18704	FP
IMBRIGLIA, MD, Joseph E 155 W River St Wilkes-Barre PA 18702	PTH	LAMBERT, MD, Walter H 484 Charles St Luzerne PA 18709	FP	MORRISON, MD, Joseph F Wyoming Natl Bank Bldg Wilkes-Barre PA 18701	OPH	RICK JR, MD, William J 777 Wyoming Ave Kingston PA 18704	P	SHAH, MD, Sureshchandra, 55 B Husz St Gtway Man Edwardsville PA 18704	AN
IMPERIALE, MD, Selvetore M 425 Orchard W Delles PA 18612	R	LANDAU, MD, Lao W 534 Wyoming Ave Kingston PA 18704	PD	MUKERJEE, MD, Menju G 114 Apache Dr Shickshinny PA 18655	U	RIMPLE, MD, David F 810 Wyoming Ave Kingston PA 18704	IM	SHERWOOD, MD, John W 55 New Alexander St Wilkes-Barre PA 18702	FP
JACKIER, MD, Leonard J 275 South River St Wilkes-Barre PA 18702	IM	LEASE, MD, John R 1710 E Broed St Hazleton PA 18201	ORS	MULLIN JR, MD, Hugh J 1320 E Broed St Hazleton PA 18201	R	RIOFSKI, MD, Anthony F 1340 N Washington St Wilkes-Barre PA 18705	FP	SHROFF, MD, Ferook K 8 Church St Med Arts Bldg Wilkes-Barre PA 18702	IM
JACOBS, MD, Irvin 1 Sterling Ave Delles PA 18612	FP	LEE, MD, Ki B 1730 E Broed St Hazleton PA 18201	OBG	MURPHY, MD, Michael J 3 York Ave West Pittston PA 18843	US	ROBINS, MD, Isidore M 109 S Franklin St Wilkes-Barre PA 18701	FP	SIBERSKI, MD, John R 327 West Main St Plymouth PA 18651	US
JAMES, MD, Russell E 52 W Hoyt St Kingston PA 18704	IM	LEHMAN, MD, Clinton J 39 Westminster Dr Delles PA 18612	IM	MYERS, MD, Charles E 810 Wyoming Ave Kingston PA 18704	IM	ROBINSON, MD, Joseph 47 Pierce St Kingston PA 18704	PD	SMITH JR, MD, Herry A 259 S Franklin St Wilkes-Barre PA 18702	ORS
JANERICH, MD, Albert D R D #5 Bullford Rd Shavertown PA 18708	PRM	LENAHAN, MD, Paul J 159 Lakaview Dr Penn Lk Whitaveen PA 18681	OBG	MYERS, MD, Frederick B 610 Wyoming Ave Kingston PA 18704	IM	ROGERS, MD, John P 425 Tioga Ave Kingston PA 18704	PD	SMITH, MD, Donald C 130 Reef Rd S Dayton FL 32019	GS
JANG, MD, Jeng-Huei Nthest Bl Bldg 225-226 Hazleton PA 18201	OTO	LENTINI, MD, Joseph A 158 S Sherman St Wilkes-Barre PA 18702	FP	NAUSS, MD, Thomas J 802 Jafferson Ave Scranton PA 18510	PS	ROJAS, MD, Julio R Hazleton Nat Bank #607 Hazleton PA 18201	OPH	SMITH, MD, Gary M 534 Wyoming Ave Kingston PA 18704	FP
JANJIGIAN, MD, Edward R 22 Pierce St Kingston PA 18704	N	LENYO, MD, George E Rd 2 Temague PA 18252	FP	NORK, MD, Edward P 777 Wyoming Ave Kingston PA 18704	AN	ROSCOWFF, MD, Carol M 534 Wyoming Ave Kingston PA 18704	PD	SMITH, MD, Henry F 128 S Mountain Blvd Mountaintop PA 18707	FP
JOHNSON, MD, Dorothy E 25 W Ross St Wilkes-Barre PA 18702	FP	LEVIN, MD, Kenneth 904 N Busey Urbena IL 61801	US	ODONNELL, MD, Georga J 272 S River St Wilkes-Barre PA 18702	PD	ROSENBERG, MD, Irvin E 1415 Ocean Shore Blvd Ormond Bch FL 32074	IM	SOMMA, MD, Richard M Ste 302 480 Pierce St Kingston PA 18704	N
JONES, MD, Robert T 6207 E Dalles St Mesa AZ 85205	US	LEYNES, MD, Ruby E 447 S Franklin St Wilkes-Barre PA 18702	EM	OH, MD, Yong W 106 Dine Ave Hazleton PA 18201	AN	ROSENSWEIG, MD, William 156 Butler St Kingston PA 18704	D	SPEACE, MD, George F 8 Church St Wilkes-Barre PA 18702	PS
JOSEPH, MD, Raymond J 165 Carey Ave Wilkes-Barre PA 18702	FP	LITCHMAN, MD, Joseph F Uhhs 534 Wyoming Ave Kingston PA 18704	FP	OLSON, MD, Ronel A 341 Wyoming Ave W Pittston PA 18643	OPH	ROTHSCHILD, MD, John A 58-58 W Linden St Wilkes-Barre PA 18702	IM	STEGURA, MD, Berney A 830 S Hanover St Nanticoke PA 18634	OPH
JUDGE JR, MD, James W 35 W Linden St Wilkes-Barre PA 18702	OPH	LIVENGOD, MD, Margarat A 8 Church St Mad Arts Bld Wilkes-Barre PA 18702	PRM	ORLANDO, MD, Joseph D 121 S Main St Pittston PA 18640	R	RUDUSKY, MD, Basil M 15 Public Square Wilkes-Barre PA 18701	IM	STERNLIEB, MD, Senford B 35 W Linden St Wilkes-Barre PA 18702	ORS

STREET, MD, Thomas F 521 Ntheatern Bank Bldg Hazleton PA 18201	GS	BLUMBERG, MD, Alexander W 923 Campbell St Williamsport PA 17701	PD	FUNK JR, MD, Frederick C Rd 5 Muncy PA 17758	FP	LUBBE, MD, Willem J Divine Prov Hosp Williamsport PA 17701	PTH	SCHOPFER, MD, Ralph E 712 Vallamont Dr Williamsport PA 17701	AN
STRICKER, MD, Robert S 375 Carry Ave Wilkes-Barre PA 18702	P	BONNER, MD, Robert A 2200 Grampian Blvd Williamsport PA 17701	OTO	GANDY, DO, Daniel R 1201 Grampian Blvd Williamsport PA 17701	IM	LUKAS, MD, Raymond A Box 289A R D 2 Montoursville PA 17754	AN	SCHWEIKLE, MD, Mary R 428 Markel St 215 Williamsport PA 17701	IM
STUCCIO, MD, Dominick A 1010 E Mountain Dr Wilkes-Barre PA 18702	U	BONTOMASE, MD, Jaaper E 45 Harvay Lane Tellord PA 18969	FP	GEHRON JR, MD, William H 899 Rural Ave Williamsport PA 17701	U	LYON, MD, Edwerd 528 W 4th St Williamsport PA 17701	OBG	SERVOS, MD, Spencer J 610 W Fourth St Williamsport PA 17701	U
STUCCIO, MD, Joseph J 21 Fordham Rd Wilkes-Barre PA 18702	U	BOZIC, MD, Albert F 57 E 4th St Williamsport PA 17701	OPH	GEORGY, MD, Farouk M 528 W 4th St Williamsport PA 17701	OBG	MACHANIC, MD, Harmon J Rd 2 Box 77 Linden PA 17744	R	SHAW, MD, Gordon A Williamsport Hospital Williamsport PA 17701	R
SZMAL, MD, Chester J 5 N Markel St Nenticoke PA 18634	IM	BRICKHOUSE, MD, Hermen M 414 W 4th St Williamsport PA 17701	P	GINTER JR, MD, George C Rd 5 Box 256 Williamsport PA 17701	AN	MANNING, MD, Harry L 699 Rural Ave Williamsport PA 17701	N	SHEARER, MD, Donald E 217 Broad St Montoursville PA 17754	FP
TAGGART, MD, George W 2 East Broad St Hazleton PA 18201	OPH	BRINK, MD, William R 410 Locust St Williamsport PA 17701	IM	GOULDIN, MD, Judith A Williamsport Hospital Williamsport PA 17701	IM	MANSUY, MD, Matthew M 410 Locust St Williamsport PA 17701	IM	SHU, MD, Chia S 1201 Grampian Blvd Williamsport PA 17701	OBG
TEITELBAUM, MD, Carl 13 Summit View Dr Mountaintop PA 18707	US	BUMAGIN, MD, Michael S 18 West 3rd St Williamsport PA 17701	PS	GRABOYES, MD, Arnold B Williamsport Hosp Em Dpt Williamsport PA 17701	EM	MARIANO JR, MD, Tomaa A 318 Allegheny St Jersey Shore PA 17740	OBG	SINCLAIR, MD, Sydney E 606 Highland Terr Williamsport PA 17701	PD
TESTA, MD, John W 108 Susquehanna Ave Pittston PA 18643	FP	BURKS, MD, John M 777 Rural Ave Williamsport PA 17701	IM	GRIECO, MD, Victor F 2 W 4th St Williamsport PA 17701	FP	MAYS, MD, Richard R Box 57 Rd 2 Muncy PA 17756	P	SOMERS, MD, William R 1201 Grampian Blvd Williamsport PA 17701	IM
THOMAS, MD, Albert M 5805 Glen View Ave Cincinnati OH 45224	US	BUZZERD, MD, Herry W 780 Glenwood Ave Williamsport PA 17701	OTO	GROSS, MD, Michael A 52 S Main St Hughesville PA 17737	FP	MCCAULEY, MD, William C 777 Rural Ave Williamsport PA 17701	IM	SOUNDARARAJAN, MD, Rangenetha Williamsport Hospital Williamsport PA 17701	U
TONREY, MD, Francis G 3421 Spenish Trail Dafrey Beach FL 33444	FP	BYLER, MD, Philip R 699 Rural Ave Williamsport PA 17701	FP	HAMM, MD, William G 2440 Blair St Williamsport PA 17701	FP	MEHTA, MD, Pankaj 1201 Grampian Blvd Williamsport PA 17701	OBG	SPINNEY, MD, Carmen E Box A Avis PA 17721	IM
TRUCKENMILLER, MD, George A 329 River St Forty Fort PA 18704	IM	CALCE, MD, John V 1100 Grampian Blvd Williamsport PA 17701	R	HAMOY, MD, Alice G 118 Kerr St Jersey Shore PA 17740	IM	MENGEL, MD, Roger G 1201 Grampian Blvd Williamsport PA 17701	IM	STEIDL, MD, Daniel L 1201 Grampian Blvd Williamsport PA 17754	IM
USHINSKI, MD, Stanley C 480 Pierce St Ste 209 Kingston PA 18704	IM	CALDER JR, MD, Joseph R 777 Rural Ave Williamsport PA 17701	IM	HAMOY, MD, George L R D 2 Box 670 Jersey Shore PA 17740	GS	MIGLIORE, MD, Joseph J 222 Laurel Dr Hershey PA 17033	EM	STEIN, DO, Edwin Z 1100 Grampian Blvd Williamsport PA 17701	P
VENIT, MD, Bethany A 410 Citizens Bank Bldg Hazleton PA 18201	PD	CALLEMBERGER, MD, George J 52 S Main St Hughesville PA 17737	FP	HARRISON, MD, James L 699 Belmont Ave Williamsport PA 17701	TS	MILLER, MD, Earl R 807 Curtin St S Williamsport PA 17701	FP	STEVENS, MD, Robert G 777 Rural Ave Williamsport PA 17701	PM
VOLPETTI, MD, George W 34 W Linden St 220 A Wilkes-Barre PA 18702	GS	CAMPANA, MD, Joseph F 151 E 3rd St Williamsport PA 17701	OTO	HARTZ, MD, Leo M 27 S Washington St Muncy PA 17756	FP	MIRZA, MD, Mohammad R 1201 Grampian Blvd Williamsport PA 17701	IM	STONE, MD, Walker H 969 Country Club Dr Williamsport PA 17701	GS
WALSH, MD, James C 30 Fordham Rd Okwd Pk Wilkes-Barre PA 18702	D	CAMPANA, MD, Louis F 107 8th St Williamsport PA 17701	OBG	HAYES, MD, Werren H 2116 W 4th St Williamsport PA 17701	FP	MONTAGUE, MD, James W R D #1 Montoursville PA 17754	FP	STRALEY, MD, Richard K 1201 Grampian Blvd Williamsport PA 17701	ORS
WALSH, MD, Martin J 70 William St Pittston PA 18640	FP	CIPOLLA, MD, Charles F 201 E 3rd St Williamsport PA 17701	GS	HENDERSON, MD, K Wayne Divine Providence Hosp Williamsport PA 17701	IM	MORENO, MD, Manuel V 1828 Poco Lane Williamsport PA 17701	AN	SUTER, MD, Harry J 899 Rural Ave Williamsport PA 17701	GS
WARTELLA JR, MD, Stephen Wilkes-Barre Gen Hoap Wilkes-Barre PA 18702	R	COFFMAN, MD, Kaohlin M R O 4 Box 834 Montoursville PA 17754	FP	HIGH, MD, John D 931 Arch St Williamsport PA 17701	FP	MOSER, MD, Edwerd N 899 Rural Ave Williamsport PA 17701	GS	SUTLIFF, MD, Cheriea S Williamsport Hospital Williamsport PA 17701	PM
WARTONICK, MD, Walter 7 Park Lane Mountaintop PA 18707	IM	COHEN, MD, Edwin E 1001 Grampian Blvd Williamsport PA 17701	GS	HILL, MD, Daniel E Williamsport Hoap Williamsport PA 17701	PTH	MURPHY, MD, Edith L R D 2 Montourville PA 17754	US	TATNALL, MD, Philip R 777 Rural Ave Williamsport PA 17701	FP
WASNICK, MD, William 22 Lee Park Ave Wilkes-Barre PA 18702	FP	COLE, MD, Charles E 699 Rural Ave Williamsport PA 17701	P	HIPPLE, MD, Rendall F 528 W 4th St Williamsport PA 17701	OBG	NAIDU, MD, Jai P 335 Meynard St Williamsport PA 17701	PD	TAYLOR, MD, Arthur R 899 Rural Ave Williamsport PA 17701	FP
WENNER, MD, Robert B 29 Calbeth Pl Hazleton PA 18201	FP	CONWAY, MD, Cyril F 1300 Woodmont Ave Williamsport PA 17701	OBG	HOCH, MD, Aeron A 73 N Main St Hughesville PA 17737	FP	NELSON, MD, Philip K 528 W 4th St Williamsport PA 17701	OBG	TIGNOR, MD, Richard F 699 Rural Ave Williamsport PA 17701	OPH
WICKS, MD, William A 3652 Invarnesa Dr Seresola FL 33580	AN	COOPER, MD, Kenneth L 230 Dunbar Rd Williamsport PA 17701	OBG	HOFSTROM, MD, Glen T 145 Shaffer St Williamsport PA 17701	FP	NIELSEN, MD, R Craig 736 High St Williamsport PA 17701	FP	TOBIAS, MD, Richard B 1815 Riverside Dr Williamsport PA 17701	FP
WIKLUND, MD, Richard D 259 S Franklin St Wilkes-Barre PA 18702	AN	COZINE, MD, Richard A 1836 Almond St Williamsport PA 17701	OPH	HONG, MD, Soo W 899 Rural Avenue Williamsport PA 17701	OTO	NIERLE, MD, Richard H Rd 1 Montgomery PA 17758	FP	TODHUNTER, MD, William D 699 Rural Ave Williamsport PA 17701	GS
WISE, MD, Richard J 103 Main St Conyngham PA 18219	FP	DARON, MD, Andrew M 348 Washington Ave Jersey Shore PA 17740	R	HURST, MD, Kenneth L 699 Rural Ave Williamsport PA 17701	FP	PATEL, MD, Hershah R 1100 Grampian Blvd Williamsport PA 17701	R	TONKIN, MD, Harold L 1513 Campbell St Williamsport PA 17701	IM
YAMULLA, MD, Stanley J 10 W Broad St Hazleton PA 18201	GS	DOUGLAS, MD, Donald D 1201 Grampian Blvd Williamsport PA 17701	IM	JACOBSON, MD, Philip 460 William St Williamsport PA 17701	OPH	PATRIZIO, MD, Rudolph J Rd 3 Muncy PA 17756	FP	UPDEGROVE, MD, Robert A 699 Rural Ave Williamsport PA 17701	OTO
YANKEVITCH JR, MD, John J 810 Front St Freeland PA 18224	FP	DUNKLE, MD, Neil F 201 N Broed Jersey Shore PA 17740	FP	JENNINGS, MD, David T 21 W Third St Williamsport PA 17701	OPH	PEPPERMAN, MD, Larue E 807 Grampian Blvd Williamsport PA 17701	FP	VANDERLIN, MD, Robert L 414 Locust St Williamsport PA 17701	PD
ZEVENY JR, MD, Dennis J 75 Spruce St Mountaintop PA 18707	GS	DURRWACHTER, MD, Robert J Rd 2 Montoursville PA 17754	OBG	JUDSON, MD, Susan C R D #3 Box 136 Williamsport PA 17701	IM	PETERSON, MD, Glenn R 1100 Grampian Blvd Williamsport PA 17701	P	VASUDEVAN, MD, Raghaven 1001 Grampian Blvd Williamsport PA 17701	IM
LYCOMING									
AHMED, MD, Galal M Divine Providence Hosp Williamsport PA 17701	PTH	ECKER, MD, Herbert A 420 W 4th St Williamsport PA 17701	PS	JUDSON, MD, Willem W 904 W 4th St Williamsport PA 17701	IM	PFEIL, MD, Russell W 264 Broad St Montourville PA 17754	FP	WADE, MD, Franklin G 1305 Campbell St Williamsport PA 17701	GS
AMSLER JR, MD, Fred R 1201 Grampian Blvd Williamsport PA 17701	ORS	ENGLISH, MD, Joseph G 324 Tinamen Ave Williamsport PA 17701	FP	KAISER, MD, Ralph H 2430 Sheridan St Williamsport PA 17701	PD	POPHAL, MD, Mahlon J 1495 Princeton Ave Williamsport PA 17701	PTH	WAGNER, MD, W John 217 Broad St Montoursville PA 17754	FP
ANGLE, MD, William D R D #3 Montoursville PA 17754	OPH	FAMORCA, MD, Florentino P 1018 Washington Blvd Williamsport PA 17701	GS	KIM, MD, Il G Med Arts Bldg Rd 1 Hughesville PA 17737	GS	POWERS JR, MD, Francis M 1100 Grampian Blvd Williamsport PA 17701	R	WALMER, MD, Lynnwood A 631 Hepburn St Williamsport PA 17701	OPH
BALLENTINE, MD, George N Rr 3 Muncy PA 17756	OBG	FENNER, MD, Henry E 601 S Main St Muncy PA 17758	PTH	KNIGHT, MD, John E 2105 W 4th St Williamsport PA 17701	FP	OUERIMIT, MD, Jorge A 899 Rural Ave Williamsport PA 17701	GS	WASILEWSKI JR, MD, Charles L 1201 Grampian Blvd Williamsport PA 17701	D
BASTIAN, MD, James R 1001 Grampian Blvd Williamsport PA 17701	FP	FERNANDEZ, MD, Eduardo I Box 340 R D 3 Montourville PA 17754	AN	KNORR, MD, William A 904 Campbell St Williamsport PA 17701	PD	RAJJOU, MD, Rodwan K 699 Rural Ave Williamsport PA 17701	NS	WEANER JR, MD, Howard H 11 N Main St Montgomery PA 17752	FP
BEDNARZ, MD, Wellica W 1527 Harding Ave Williamsport PA 17701	R	FERNANDEZ, MD, Oscar V Jersey Shore Hosp Jersey Shore PA 17740	PTH	KO, MD, Harry H 8100 N W Twin Oaks Dr Kansas City MO 84151	R	RANNELS, MD, Herman W Rd #1 Box 45A Mariette PA 17547	OBG	WEAVER, MD, Don K 777 Rural Ave Williamsport PA 17701	PTH
BELLES, MD, Terry A 1033 Franklin St Williamsport PA 17701	FP	FINKELSTEIN, MD, Herman 6010 Fall Circles Lauderhill FL 33319	IM	KOLB, MD, Charles E 25 W Third St Williamsport PA 17701	OPH	RATKE, MD, Henry V 115 Line Lane Martinsburg WV 25401	GS	WHAREN, MD, Robert E Williamsport Hoap Williamsport PA 17701	FP
BELTZ, MD, William R 912 W 4th St Williamsport PA 17701	GS	FINN, MD, David R 777 Rural Ave Williamsport PA 17701	IM	KRAUS, MD, Stephen T 1100 Grampian Blvd Williamsport PA 17701	R	REDDY, MD, Rajidi M Muncy Valley Hospital Muncy PA 17756	IM	WILCOX, MD, Willred W 531 Broad St Montourville PA 17754	FP
BERGER, MD, Gary W Main St Hughesville PA 17737	FP	FISSEL, MD, George E Po Box 175 Pinehurst NC 26374	R	LAPORTE, MD, Thomas A Bx 4 Rd 3 Fairway Dr Amherst NH 03031	FP	REDKA, MD, James W 899 Rural Ave Williamsport PA 17701	FP	WILLIAMS, MD, Robert H 699 Rural Ave Williamsport PA 17701	PD
BIDDLE, MD, John E 212 Main St Watsonlown PA 17777	FP	FORCEY, MD, Lloyd R 201 Mi Pleasant Ave Jersey Shore PA 17740	FP	LARSON JR, MD, Theodore S 1200 Campbell St Williamsport PA 17701	R	REIS, MD, Paul B 25 W 3rd St Williamsport PA 17701	GS	WILLIAMSON, MD, Neihl J 601 Rodman Ave Portsmouth VA 23767	FP
BLANDINO, MD, David A 715 Walnut St Williamsport PA 17701	FP	FORD, MD, William T 699 Rural Ave Williamsport PA 17701	D	LECHNER, MD, Frederic C 331 Center St Williamsport PA 17701	IM	ROODE, MD, Peter G 23 E Water St Muncy PA 17758	FP	WINTER 2ND, MD, John C 418 Pine St Williamsport PA 17701	IM
BLOM, MD, Johannes 1100 Grampian Blvd Williamsport PA 17701	IM	FORKE, MD, Thomas S 166 Kendall Ave Jersey Shore PA 17740	FP	LEHMAN JR, MD, Charles A 72 Hillside Drive Quechee VT 05059	FP	RODGERS, MD, Charles J 511 W 4th St Williamsport PA 17701	GS	WITTHOFF JR, MD, Elmer M 306 Allegheny St Jersey Shore PA 17740	FP
		FRIES, MD, Gene T 777 Rural Ave Williamsport PA 17701	PTH	LIDDELL, MD, Albert G 1201 Grampian Blvd Williamsport PA 17701	ORS	SANFORD, MD, Frederic E 825 Harding Ave Williamsport PA 17701	GS	WOLFE, MD, Daniel E 800 Grampian Blvd Williamsport PA 17701	R

WOROBEC, MD, Ruessell N 1201 Grampian Blvd Williamsport PA 17701	ORS	SERABJIT-SINGH, MD, Jeg D Bredford Hosp Bradford PA 16701	R	CRAGO, MD, H Robert 701 N Hermitage Rd Sharon PA 16146	GS	MENZIES JR, MD, William C Grove City Medical Bld 2 Grove City PA 16127	FP	TAN, MD, laebel G Hillcrest Med Ctr Grove City PA 16127	R
YASUI, MD, Robert S 1001 Grampian Blvd Williamsport PA 17701	GS	SICHER, MD, Bruno P 133 Biddle St Kane PA 16735	FP	CURTIS JR, MD, Arthur W 165 Euclid Ave Sharon PA 16146	OBG	MERKEL, MD, Lois M 270 Boyd Drive #2 Sharon PA 16146	FP	TIAN, MD, Will T 90 Shensango St Greenville PA 16125	U
YEALY, MD, Wendell H R D 4 Box 610 Muncy PA 17756	R	SILVERSTONE, MD, Leslie B 5 Viala Cir Bradford PA 16701	PD	DAMORE, MD, David L 1249 Miller St Maasry OH 44438	IM	MILHEIM, MD, Irvine G 1660 Hannah Ct Sharon PA 16146	GS	TSAL, MD, Yung-Haien 740 E State St Sharon PA 16146	AN
YOON, MD, Chan 1100 Grampian Blvd Williamsport PA 17701	R	SINGH, MD, Dilbagh 116-156 Inlertate Pkwy Bradford PA 16701	FP	DESAI, MD, Sarta M 2631 Romar Dr Hermitage PA 16146	FP	MILLER, MD, John L 204 Lynwood Dr Greenville PA 16125	R	VALENA, MD, Elena V 87 N Main St Greenville PA 16125	IM
ZELLER, MD, Robert G 316 W 4th St Williamsport PA 17701	R	SONI, MD, Aahok 305 Arnold Ave Port Allegany PA 16743	OBG	DESANTIS, MD, Peter L 1965 Shensango Val Frewy Sharon PA 16146	FP	MONROE, MD, Robert W 10 Bentley Ave Greenville PA 16125	PD	VALENA, MD, Loe V 87 N Main St Greenville PA 16125	FP
MCKEAN		STILL, MD, George J 199 Pleasant St Bradford PA 16701	IM	DIEHL, MD, Gilbert H 428 S Main St Greenville PA 16125	IM	MOONDA, MD, Gulamhusain Hermitage Sq Prf Bld Sharon PA 16146	U	VALLESTERO, MD, Federico P 10 Chsmbra Ave Greenville PA 16125	AN
BAZZOUI, MD, Widad 64 Welker Ave Bradford PA 16701	P	TAGIZADIEH, MD, Habib Bredford Hospital Bradford PA 16701	ORS	DONAN, MD, Anderson W 202 W Pine St Grove City PA 16127	FP	MORAN JR, MD, Theodore R 125 North Main St Greenville PA 16125	ORS	VERMEIRE, MD, David A 701 N Hermitage Rd Hermitage PA 16146	ORS
BENTZ, MD, Charles R 2 Thompson Pk Kane PA 16735	FP	TAYLOR, MD, Harry E 22 Taylor Dr Bradford PA 16701	AN	DOWDELL, MD, Paul J 90 Shensango St Greenville PA 16125	IM	NAMEY, MD, John T 621 French St Farrell PA 16121	FP	VOGAN, MD, William R Rd 7 Vogan Drive Mercer PA 16137	FP
BOWMAN JR, MD, Douglas F Box 302 Rd 1 Marvin St Smethport PA 16749	FP	VALDES, MD, Conrado A Community Hosp Kane PA 16735	AN	ENGLISH, MD, Lena M 1216 5th Ave Youngstown OH 44504	US	PERFETT, MD, Alfred A 89 Elm Ave Sharon PA 16146	OBG	WANG, MD, Shen-Chi Sharon Gen Hosp Sharon PA 16146	PTH
CHONG, MD, Charnig F 2 Thompson Park Kane PA 16735	IM	WATKINS, MD, Donald R 125 Main St Bradford PA 16701	GS	FALK, MD, Edward C 32 Jefferson Ave Sharon PA 16146	GS	PERRY, MD, Relph L 19 Jefferson Ave Sharon PA 16146	PD	WASSIL JR, MD, John G 735 Koonce Rd Hermitage PA 16146	OTO
CLELAND, MD, Charles E 106 S Frasley St Kane PA 16735	FP	WHITE, MD, Robert E 201 Hooker Fulton Bldg Bradford PA 16701	IM	FILE, MD, James C Linden And Lake Sta Stoneboro PA 16153	FP	PETERS, MD, Richard J 90 Shensango St Greenville PA 16125	IM	WASSIL, MD, John G 190 Bentley Ave Sharon PA 16146	FP
CLELAND, MD, M Elizabeth 106 S Frasley St Kane PA 16735	PD	MERCER		FLAMBERG, MD, Ira W 950 Forest Lane Sharpsville PA 16150	AN	POSNEY, MD, Joseph J Greenville Hospital Greenville PA 16125	R	WATSON, MD, Tompkins G 410 Hill Crest Grove City PA 16127	GS
DEE, MD, Cecilio C Bradford Hosp Bradford PA 16701	PTH	ALLEN, MD, Robert W Med Arts Bldg Sharon PA 16146	R	GALLAGHER, MD, Daniel B Rd 1 Cranberry Rd Grove City PA 16127	FP	OUAGLIO, MD, Nannette D 719 East State St Sharon PA 16146	N	WEE, MD, Eng C 1440 Carrie Way 3 Grove City PA 16127	OPH
GABRIEL, MD, Frederick R Bradford Hosp Bradford PA 16701	R	ANDREWS, MD, Raymond W 2112 Bee Ridge Rd Columbia SC 29204	OBG	GARRIOTT, MD, John C 106 Med Arts Bldg Sharon PA 16146	OBG	RAISCH, MD, Frederick J 529 N Keel Ridge Rd Sharon PA 16146	PTH	WEILAND JR, MD, Theodore F 819 Ridgeway Ave Grove City PA 16127	R
GUENTER, MD, Fritz E Temple Club Bldg Smethport PA 16749	FP	AYE, MD, J Thomas 32 Jefferson Ave Sharon PA 16146	ORS	GREENBURG, MD, Morren J 3346 E State St Sharon PA 16146	FP	RANKIN, MD, Paul H 13441 Duck Creek Rd Salem OH 44480	GS	WOLFF, MD, Bruce R 90 Shensango St Greenville PA 16125	GS
HAMIDI, MD, Jafar A 199 Pleasant St 21 Bradford PA 16701	OBG	BAILEY, MD, Nelson J 61 E Main St Sharpsville PA 16150	FP	GROSS, MD, Marie M 3350 1/2 State St Sharon PA 16146	P	RAU, MD, Ramnath S Medical Arts Bldg Sharon PA 16146	IM	WONSETTLER, MD, Donald E 115 S Center St Grove City PA 16127	FP
HELLMAN, MD, Leo A 34 Main St Port Allegany PA 16743	FP	BAKER, MD, Robert H 426 S Main St Greenville PA 16125	ORS	HAM, MD, Tong H 701 N Hermitage Rd Sharon PA 16146	FP	RAUCH, MD, Douglas 410 N Buhl Farm Dr Sharon PA 16146	OBG	WOOD, MD, Robert M 125 N Main St Greenville PA 16125	ORS
HENRY, MD, Walter J 9 Chaulauqua Pl Bradford PA 16701	OBG	BASHLINE, MD, Don L Grove City Hosp Med Bld 1 Grove City PA 16127	FP	HARRER JR, MD, William J 1109 Highland Rd Sharon PA 16146	US	RAYNAK, MD, Frenk R 110 N Main Greenville PA 16125	R	WOODINGS, MD, Samuel G 89 Elm Ave Sharon PA 16146	FP
HUFF, MD, S Gordon 125 Main St Bradford PA 16701	FP	BASHLINE, MD, H Woodrow Grove City Med Bldg 2 Grove City PA 16127	FP	HOLT, MD, Allen H 32 Jefferson Ave Sharon PA 16146	R	REYER, MD, William A 19 Jefferson Ave Sharon PA 16146	D	YAO, MD, Franciaco C 701 N Heritage Rd Sharon PA 16146	OPH
IBANEZ, MD, Melchisedec 35 Hemlock Ave Kane PA 16735	GS	BATAILLE, MD, Jacques A 1808 McDowell St Sharon PA 16146	IM	HOLT, MD, Fleurene P 66 Jefferson Ave Sharon PA 16146	FP	RICCIUTTI, MD, Vincent 165 Euclid Ave Sharon PA 16146	OBG	YARBORO, MD, Theodore L 755 Division St Sharon PA 16146	FP
ISSERMAN, MD, Mark S 103 Broad St Port Allegany PA 16743	IM	BAYUK, MD, John D 605 Fairfield Drive Hermitage PA 16146	FP	JONES, MD, Tom B 104 Mehard Ave Greenville PA 16125	R	RIDDLE, MD, Ranald J Laurel Oakes Neevill MD 21652	OPH	YOURD, MD, Raymond A 406 Hillcrest Grove City PA 16127	OTO
JACOBS, MD, Martin 46 Calvin Ct Bradford PA 16701	IM	BECK, MD, Donald E 103 Vine Ave Greenville PA 16125	OBG	JOSEPH, MD, Alfred J 69 Elm Ave Sharon PA 16146	IM	ROTHMAN, MD, David L 509 Forest Dr Grove City PA 16127	GS	MIFFLIN-JUNIATA	
JAMIL, MD, Oazi A Ste 22 Med Arts Bldg Bradford PA 16701	IM	BEH, MD, Walter P 33 Holiday Ln Greenville PA 16125	U	KEMP, MD, Gordon B P O Box 963 Sharon PA 16146	OPH	ROWLAND, MD, Edmund B 127 N Main St Greenville PA 16125	OBG	AURAND, MD, Eleanor M 24 N Brown St Lewistown PA 17044	PD
JAVADI, MD, Parvin H P O Box 50 Bradford PA 16701	AN	BENNINGER, MD, Robert A 32 Jefferson Ave Sharon PA 16146	ORS	KERRY, MD, Roy E 319 Buhl Blvd Sharon PA 16146	OTO	SACHDEVA, MD, Ravindra K 1981 S Valley Fwy Sharon PA 16146	GS	BAADE, MD, Erneal A 307 Fourth St Lewistown PA 17044	OTO
KONWINSKI, MD, Edward S 305 Hooker-Fulton Bldg Bradford PA 16701	GS	BIGGINS, MD, James A 599 7th St Sharpsville PA 16150	FP	KO, MD, Yih-Song 421 Shady Drive Grove City PA 16127	FP	SANDERSON, MD, Vincent A 995 Forest Lane Sharpsville PA 16150	OPH	BASOM, MD, Donald E 115 Poplar Rd Lewistown PA 17044	FP
KRALL, MD, Robert P 47 Elm St Eldred PA 16731	FP	BLY, MD, Cheuncey G 19420 Laguna Dr Gaithersburg MD 20760	PTH	KOLENICH, MD, James J 111 N Main St Greenville PA 16125	GS	SASS, MD, Robert E 32 Jefferson Ave Me Bldg Sharon PA 16146	GS	BEAVER, MD, Henry C 3505 Prince William Dr Fairfax VA 22031	OBG
MAZZIOTTI, MD, Mario C 308 Broad St Port Allegany PA 16743	GS	BOLOTIN, MD, Joseph H 1126 E State St Sharon PA 16146	IM	LALLY, MD, Francis L Med Arts Bldg Sharon PA 16146	IM	SAWARDEKAR, MD, Arun S R D 2 Kimberley Estates Grove City PA 16127	PD	BRAMMAKULAM, MD, Paul M 34 Open Hearth Manor Lewistown PA 17044	PD
MEDDEN, MD, Edwin J 125 Main St Bradford PA 16701	GS	BREVETTA, MD, Richard J 719 E State St Sharon PA 16146	OPH	LARTZ, MD, Robert E 3370 Hermitage Sq Bldg Sharon PA 16146	OBG	SAWARDEKAR, MD, Shubhada A Rd 2 Kimberley Est Grove City PA 16127	PD	BROWN JR, MD, Joseph S 14 S Wayne St Lewistown PA 17044	IM
NADELLA, MD, Venkateswara R Bradford Hospital Bradford PA 16701	EM	BROWN, MD, Matthew G Med Arts Bldg Sharon PA 16146	FP	LEE, MD, Chul N 109 Medical Arts Bldg Sharon PA 16146	U	SCULLIN III, MD, John P 426 S Main St Greenville PA 16125	ORS	COHEN, MD, Milton H 87 Chestnut St Lewistown PA 17044	FP
NAYAK, MD, Narayan Bradi Med Arts Bldg Bradford PA 16701	PD	BROWN, MD, William E 1260 E State St Sharon PA 16146	OTO	LIMKAKENG, MD, Alexander D Hillcrest Med Ctr Grove City PA 16127	U	SHIPLEY, MD, Alan E 1460 Carrie Way #11 Grove City PA 16127	ORS	CREIGHTON JR, MD, Daniel K 101 N Main St Lewistown PA 17044	FP
NILES, MD, Robert A Willow St Port Allegany PA 16743	FP	BUISER, MD, Rodolfo A 110 N Main St Greenville PA 16125	FP	LUCHETTE, MD, Albert A 32 Jefferson Ave Sharon PA 16146	GS	SMITH, MD, Keith B 52 Chambers Ave Greenville PA 16125	OPH	DEVITA, MD, Dennis M 305 Fourth St Lewistown PA 17044	ORS
OCAMPO, MD, Rensto G S Edgars St Kane PA 16735	GS	BUTCHKO, MD, Andrew W 67 Jefferson Ave Sharon PA 16146	IM	MADURA, MD, Joseph R 520 Idaho St Farrell PA 16121	FP	SNYDER, MD, M Wilson 820 Koehler Dr Sharpsville PA 16150	OPH	DEVITA, MD, Michael L 16 N Brown St Lewistown PA 17044	FP
OSBORNE, MD, David P Black Acres Rd 1 Smethport PA 16749	GS	CHARLTON, MD, Glenn B 912 State St Sharon PA 16146	FP	MANDELL, MD, Andrew M 3338 E State St Sharon PA 16146	FP	STEELE, MD, John F 426 Main St Greenville PA 16125	ORS	DHAR, MD, Jyotiana K Lewistown Hospital Lewistown PA 17044	PTH
PITKIN, MD, John T 620 West Main St Smethport PA 16749	P	CHATA, MD, Itikhar A 60 Mercer Ave Sharpsville PA 16150	FP	MARTSOLF, MD, Robert H 912 East State St Sharon PA 16146	FP	STEINFELD, MD, Richard I 3891 Feator Dr Sharon PA 16146	IM	DIXON, MD, Robert E 26 N Brown St Lewistown PA 17044	OBG
PRADHAN, MD, Anil G 116 Grove Park Ft Dix NJ 08640	PD	CHOUNG, MD, Kilwha 7186 Northview Dr Ne Brookfield OH 44403	AN	MCELREE, MD, James C 96 Clinton St Greenville PA 16125	OTO	STITT, MD, Donald G 42 Columbia Ave Greenville PA 16125	PD	DODD, MD, Stephen I Main St Mifflin PA 17056	FP
ROCHE JR, MD, Edward J Rm 406 Hooker Fulton Bld Bradford PA 16701	FP	COHEN, MD, Donald L Sharon Gen Hosp Sharon PA 16146	PTH	MCMAHON, MD, Edward P 90 Shensango St Greenville PA 16125	IM	STOUDT, MD, K Donald 89 Elm Ave Sharon PA 16146	FP	EATER JR, MD, Charles L 126-8th St Highland Pk Lewistown PA 17044	FP
SAQUIN, MD, Raimondo C 103 Hemlock Ave Kane PA 16735	PTH	CONLIN, MD, Edward F 32 Jefferson Ave Sharon PA 16146	IM	MCPARLAND, MD, John J Box 247 Jamestown PA 16134	FP	STYPULA, MD, Richard W 89 Elm Ave Sharon PA 16146	PD	EGGLER, MD, Betsy A R D 1 Box Sw24 Bellevue PA 17004	FP
SARAJEDINI, MD, Hossain 10 Sleepy Hollow Rd Bradford PA 16701	U	CONNELLY, MD, Michael E 902 Linden St Sharon PA 16146	GS	MCWHIRTER, MD, William R 125 N Main St Greenville PA 16125	ORS	SULLESTA, MD, Rene O Hillcrest Med Ctr Grove City PA 16127	U	FLEISHMAN, MD, Martin J 4th St & Highland Ave Lewistown PA 17044	FP
SCHACTER, MD, Benjamin C 125 Main St Bradford PA 16701	GS	CONSTANTINDI, MD, Sandra M 90 Shensango St Greenville PA 16125	PD	MEHTA, MD, Sunil K 104 Overhill St Grove City PA 16127	IM	SWANSON, MD, Erneal W 701 N Hermitage Rd Hermitage PA 16146	ORS	FLORY, MD, Ray H Lewistown Hosp Lewistown PA 17044	AN

GARDNER, MD, Herry W 101 N Mein St Lewistown PA 17044	FP	DECESARE, DO, Reymond C 555 Delaware Ave Portland PA 18351	FP	MICHIE, MD, Alexander J 1316 N Fifth St Stroudsburg PA 18360	U	ALPERT, MD, Richard E Lansdale Clinic Lansdale PA 19446	PD	BELL, MD, H Craig 1335 Highland Ave Abington PA 19001	P
GENC, MD, Salim 311 4th St Lewistown PA 17044	ORS	DEICHERT, MD, Robert G Pocono Summit Med Bldg Pocono Summit PA 18346	FP	MICHIE, MD, Catherine R 504 Thomas St Stroudsburg PA 18360	FP	ALTMAN, MD, Brian D 1400 Old York Rd Abington PA 19001	OPH	BELL, MD, John C 318 Bent Rd Wyncote PA 19095	N
GORDON, MD, Allen D 130 Highland Ave Lewistown PA 17044	OPH	DEQUEVEDO, MD, Robert F 175 E Brown Street E Stroudsburg PA 18301	OBG	MILANDER, MD, John H College 106 Buck Hill Falls PA 18323	FP	ALTMAN, MD, Sidney I 8224 Forest Ave Elkins Park PA 19117	P	BELLUS, MD, John J Firestone Blvd High St Pottstown PA 19464	PTH
GUISE, MD, Lynn G P O Box 192 Mifflintown PA 17059	FP	DRACOS, MD, Frenk J 200 E Brown St E Stroudsburg PA 18301	ORS	MILICH, MD, Zerko D Rd 5 Box 38 E Stroudsburg PA 18301	AN	ALTMONTE, MD, Joseph F 233 S Trooper St Norristown PA 19401	FP	BENDER, MD, Joseph 1544 De Kelb St Norristown PA 19401	IM
HELFRICK, MD, Marlin W P O Box 848 Belleville PA 17004	FP	DUNNING, MD, E Ruth 901 King St Stroudsburg PA 18360	IM	MIRAGLIA, MD, Richard J Village Prk Med Ctr Pocono Lake PA 18347	FP	AMADIO, MD, Julio J 9 Meadows Lane Haverford PA 19041	IM	BENNETT 4TH, MD, Joseph S Mem Med Bldg Po Box A Peoli PA 19301	IM
KINSEY, MD, Frenk R Lewistown Hosp Lewistown PA 17044	R	EISENHARDT, DO, Bruce T 1485 Dertmouth Dr Bethlehem PA 18017	FP	MOHYUDDIN, MD, Moiz 322 Perk Ave Stroudsburg PA 18360	PD	AMIDON, MD, Charles S 1830 E High St Pottstown PA 19464	GS	BENSON, MD, Bernerd E 1584 Buck Hill Dr Huntingdon Vly PA 19006	OBG
LEOPOLD JR, MD, Albert R 101 N Mein St Lewistown PA 17044	FP	EPSTEIN, MD, Robert S 715 Scott St Stroudsburg PA 18360	FP	MOLINA, MD, Remon B 322 Perk Ave Stroudsburg PA 18360	FP	AMIN, MD, Bipin R 1307 Dogwood Cir Norristown PA 19401	IM	BERGELSON, MD, Victor D 7222 Cestor Ave Philadelphia PA 19149	R
MALHOTRA, MD, Rejeshwar P 18 N Mein St Lewistown PA 17044	OBG	FAHL, MD, James C 24 Second Ave Ne Hickory NC 28801	GS	NEUREUTER, MD, Louis J 750 East Adams St Syracuse NY 13210	IM	AMSTER, DO, Norman H 251 W Dekalb Pike C805 King Of Prussia PA 19408	AN	BERGNES, MD, Manuel A 1735 W Mein St Norristown PA 19401	PTH
MALHOTRA, MD, Sheshpal 18 N Mein St Lewistown PA 17044	FP	FERENCE, MD, John A Rd 2 Box 28 Cresco PA 18326	FP	PLISKIN, MD, Merk 206 E Brown Street E Stroudsburg PA 18301	R	ANDAL, MD, Andres H 832 Hunt Rd Newtown Sq PA 19073	AN	BERK, MD, Henry M Peper Mill & Bergen Rds Oreland PA 19075	FP
MANUS, MD, Stephen C 200 Cider Lane Lewistown PA 17044	IM	FINCH, MD, Alberte M 52 Gerden St Stroudsburg PA 18360	FP	POND, MD, Herald S 175 E Brown St E Stroudsburg PA 18301	IM	ANDERSON 3RD, MD, John D 140 Lodges Lane Bele Cynwyd PA 19004	AN	BERKOW, MD, Robert 6020 Sheff Le Ft Washington PA 19034	IM
MARTHOUSE, MD, Stephen J 134 Highland Ave Lewistown PA 17044	FP	GOLDEN, MD, Jeen D 232 W 25th St Erie PA 16512	GS	PRIMIANO, MD, George A 200 E Brown St E Stroudsburg PA 18301	ORS	ANDERSON, MD, Arlo C 1680 Williams Way Norristown PA 19401	ORS	BEUF, MD, Francesco G 140 Valley Rd Ardmore PA 19003	PD
MCCLAIN, MD, Charles B 18 N Mein St Lewistown PA 17044	GS	GRUSZKA, MD, Francis A Pocono Hosp E Stroudsburg PA 18301	PTH	PULLEN, MD, Hervey T 175 E Brown St E Stroudsburg PA 18301	IM	ANDRIES, MD, Reymond M 1817 Hellowell Rd Norristown PA 19401	FP	BIGONEY, MD, Carl F 413 Cowpath Rd Mr-1 Lansdale PA 19446	FP
MEHTA, MD, Yogin P South Hills Lewistown PA 17044	U	GULICK, MD, Thomas H 175 East Brown St E Stroudsburg PA 18301	U	RACCIATO, MD, Peter J 239 E Brown St E Stroudsburg PA 18301	OPH	ANGSTADT JR, MD, Paul N Weter St Rd Worcester PA 19490	R	BINNICK, MD, Steven A 245 N 15th St Philadelphia PA 19102	D
PARKER, MD, Andrew J 36 Chestnut St Lewistown PA 17044	IM	GUPTA, MD, Giriwerlel 243 E Brown St E Stroudsburg PA 18301	N	RADPARVAR, MD, Nesser R Gen Hosp Of Monroe Co E Stroudsburg PA 18301	AN	ANOLIK, MD, Robert P 220 Stoneway Lane Merion PA 19068	IM	BISHOP, MD, Robert P Merck Sharp & Dohme West Point PA 19486	IM
PLUMMER JR, MD, Robert E Oak Ridge Rd Lewistown PA 17044	R	HAGER III, MD, George W 175 E Brown St E Stroudsburg PA 18301	GS	ROGERS, MD, William H 175 E Brown St E Stroudsburg PA 18301	GS	ANTHONY, MD, John A 1133 High St Pottstown PA 19464	FP	BLAKE JR, MD, Alton D Conestoga Med Bldg Bryn Mawr PA 19010	IM
QUINN, DO, Philip L Po Box 487 Honey Ck Rd Reedsville PA 17084	FP	HALPERIN, MD, Meyer A R D 2 E Stroudsburg PA 18301	AN	ROSAN, DO, Stuart W 848 St Charles Ave Charlottesville VA 22901	FP	ARANO, MD, Leonardo V 232 Lenepe Dr North Wales PA 19454	IM	BLANK, MD, Ire B Sacred Heart Hosp Norristown PA 19401	AN
RAWDON, MD, Robert E 307 Fourth St Lewistown PA 17044	OTO	HARAKAL, MD, Thomas P Geisinger Med Ctr Denville PA 17822	FP	RUMSEY, MD, John L 239 E Brown St Stroudsburg PA 18301	IM	ASH, MD, S Russell 73 N Franklin St Pottstown PA 19464	FP	BLUMSTEIN, MD, Charles G Benson East Jenkintown PA 19046	IM
RIDEN, MD, Jey M 305 Fourth St Lewistown PA 17044	ORS	HARPS, MD, James A Rd 5 Stroudsburg PA 18360	OPH	SAMET, MD, Sherwood L 175 E Brown St E Stroudsburg PA 18301	OBG	ATKINSON, MD, Nolen N 20 S Werner Ave Bryn Mawr PA 19010	FP	BOEHMLER, MD, William J Lansdale Med Group Lansdale PA 19446	FP
RODRIGUEZ, MD, Ervin E 305 Fourth St Lewistown PA 17044	ORS	HAYNICZ, MD, Peter Pocono Hospital E Stroudsburg PA 18301	R	SAMUELSON, MD, Joel S 175 E Brown St E Stroudsburg PA 18301	D	AVANCENA, MD, Edgerdo P 1627 Dekalb St Norristown PA 19401	FP	BOGASH, MD, Morton 125 E Lehigh Ave Philadelphia PA 19125	U
SAUSSER, MD, Eugene W 27 N Main St Bx 266 Mifflintown PA 17059	FP	HELMICK, MD, Nethaniel D Box 580 R D 2 E Stroudsburg PA 18301	R	SIMONS, MD, William M 108 N 6th St Stroudsburg PA 18360	OPH	BADOLATO, MD, David J 1154 Jericho Rd Abington PA 19001	FP	BONNER JR, MD, Francie J 264 N Redner-Chester Rd Rednor PA 19087	PM
SCHAEFER, MD, Leroy W Hillside Le South Hills Lewistown PA 17044	PTH	HIEMENZ, MD, Donald W Rd 8 Box 6259 Stroudsburg PA 18360	FP	SIPOWICZ, MD, Carl P Bertonsville Prof Bldg Bertonsville PA 18321	ORS	BALISTOCKY, MD, Mervin H 491 Allendete Rd King Of Prussia PA 19408	OPH	BOOK, MD, Murrey H 504 Feith Dr Norristown PA 19401	PTH
SHERMAN, MD, Hugh I 124 Highland Ave Box 828 Lewistown PA 17044	IM	HORN JR, MD, Edward T Tennersville PA 18372	OBG	SMITH, MD, Chester L 175 E Brown St East Stroudsburg PA 18301	OBG	BALLARD, MD, Ien M Bryn Mawr Hosp Bryn Mawr PA 19010	FP	BORSKA, MD, Henry B Penne & Apel Ave Oreland PA 19075	FP
SIKORSKY, MD, Phyllis J Big Valley Area Med Ctr Belleville PA 17004	FP	HUNSICKER, MD, Llewellyn W Pocono Med Bldg E Stroudsburg PA 18301	GS	SPINNER, MD, Morton H 360 Green Tree Dr E Stroudsburg PA 18301	GS	BALLS, MD, Kent F Bryn Mawr Hosp Bryn Mawr PA 19010	IM	BOWEN JR, MD, Theles Lenkenau Hospital Philadelphia PA 19151	AN
TRIVEDI, MD, Gopelkrishne M Lewistown Hosp Lewistown PA 17044	PTH	HUNSICKER, MD, Mery T 158 Berwick Hts Rd E Stroudsburg PA 18301	D	TATTERSALL, MD, Herold A Box 215 Mountain Home PA 18342	FP	BANCROFT, MD, Edith D 2898 Huntingdon Pike Bryn Athyn PA 19009	P	BOWIE, MD, Morris A 225 Vesser Ave Swarthmore PA 19081	IM
VALDIVIA, MD, Duilio E 28 Hillside Dr Lewistown PA 17044	IM	JORDAN, MD, Cherlotte B Pocono Med Bldg E Stroudsburg PA 18301	D	TAYLOR, MD, James A Rd 3 Beecon Hill E Stroudsburg PA 18301	P	BANMILLER, MD, James D 310 W Johnson Hwy Norristown PA 19401	OBG	BOXER, MD, Arthur D 931 Hollow Rd Rednor PA 19087	P
WALTER, MD, Earl R S Mein St Milroy PA 17063	FP	JORDAN, MD, Cleus G Pocono Med Bldg E Stroudsburg PA 18301	GS	TINSLEY, MD, John P 206 E Brown St E Stroudsburg PA 18301	PTH	BARALDI, MD, Reymond L 182 Avondele Rd Norristown PA 19401	R	BRACE, MD, Frederick H Po Box 271 Ardmore PA 19003	GP
WEST, MD, Robert B 305 4th St Plesent Acre Lewistown PA 17044	GS	JORDAN, MD, William P 175 E Brown E Stroudsburg PA 18013	GS	VIGLIONE, MD, Cheryl A 715 Scott St Stroudsburg PA 18380	FP	BARAN, MD, Ernest M 833 Andorre Rd Lefayette Hill PA 19444	PM	BRACKIN JR, MD, John T 773 Roslyn Ave Glenside PA 19038	R
WHITE, MD, Robert J Lewistown Hospital Lewistown PA 17044	EM	KAUDERER JR, MD, John G 239 E Brown St Stroudsburg PA 18301	IM	VIGLIONE, MD, Joseph P 25 N 8th St Stroudsburg PA 18360	FP	BARD, MD, Joseph L 600 Weyland Rd Plymouth Mtng PA 19462	FP	BRACKIN, MD, George G 1208 Highland Ave Abington PA 19001	R
WIMSATT, MD, Michael H Fourth St & Highland Ave Lewistown PA 17044	GS	KENNEDY, MD, Richard P 206 E Brown St E Stroudsburg PA 18301	R	WEBER, MD, Otto R Pocono Med Bldg E Stroudsburg PA 18301	OBG	BARON, MD, Arthur M 242 Holly Dr King Of Prussia PA 19408	IM	BRACKIN, MD, Phillip S 805 Evans Rd Gwynedd Vly PA 19437	R
MONROE		KITCHEN 2ND, MD, James G The Mohican Pocono Lake PA 18347	FP	WEISS, MD, Carl B Rd 1 Cresco PA 18326	OPH	BARTLET, MD, Curtis F 3535 Rendolph Rd Charlotte NC 28211	FP	BRADFORD, MD, Paul L 30 Morningside Dr Lansdale PA 19446	FP
BAIRD, MD, Robert M 243 E Brown St E Stroudsburg PA 18301	NS	KOWALYSHYN, MD, Theodore J 239 E Brown St E Stroudsburg PA 18301	IM	MONTGOMERY		BARTLE JR, MD, Hervey 884 County Line Rd Bryn Mawr PA 19010	P	BRADY, MD, Joseph A 1445 De Kelb St Norristown PA 19401	NS
BERMAN, MD, Eli 239 E Brown St Esst Stroudsburg PA 18301	IM	LATTA, DO, Richard S 1 Cethy Plece Succesunne NJ 07878	FP	AARONSON, MD, Herbert G 7756 Green Valley Rd Wyncote PA 19095	P	BARTLETT JR, MD, Frederick H 1245 Highland Ave Abington PA 19001	OBG	BRAY, MD, Joshue C Po Box 98 Green Lane PA 18054	FP
BREHM, MD, Hens H 124 Anetomink St E Stroudsburg PA 18301	PD	LILLI, MD, Elmo J 239 E Brown St Esst Stroudsburg PA 18301	FP	ADAMS, MD, David J 26 S Bryn Mawr Ave Bryn Mawr PA 19010	ORS	BAVER, MD, Feith H Front & Dotts Sts Pennsburg PA 18073	FP	BRECKENRIDGE, MD, John W Abington Mem Hosp Abington PA 19001	R
BURRY, MD, William C Bx 93 Mountainhome PA 18342	FP	LOVECCIO, MD, Francis A 200 E Brown St E Stroudsburg PA 18301	ORS	ADAMS, MD, William L 527 Beaver Rd Southampton PA 18988	FP	BAVER, MD, George A Front & Dotts St Pennsburg PA 18073	FP	BRESSI JR, MD, Thomas E Elliott Ave-Old Lenc Rd Bryn Mawr PA 19010	GS
BUTLER, MD, Horace G 606 Thomas St Stroudsburg PA 18360	R	MALIK, MD, Hussein G 175 E Brown St E Stroudsburg PA 18301	OTO	ADAMSON, MD, William C 1542 Susquehanna Rd Rydell PA 19048	P	BAZEMORE, MD, Mary K 404 Cheswick Pl Apt 225 Rosemont PA 19010	PD	BROOKS, MD, Ronald J 866 W Germantown Pk Plymouth Meeting PA 19482	IM
CHAUDHRY, MD, Mohammed A 239 E Brown St E Stroudsburg PA 18301	IM	MARTIN JR, MD, Philip R 175 E Brown St E Stroudsburg PA 18301	OBG	ADLER, MD, Herbert M 251 Linden Lane Merion Station PA 19066	P	BEARDWOOD, MD, Donald M 1245 Highland Ave Abington PA 19001	IM	BROWN 3RD, MD, Dewitt C 1400 Old York Rd Abington PA 19001	ORS
CONAHAN JR, MD, Joseph B R D 4 Albert St Stroudsburg PA 18360	OPH	MARTUCCI, MD, John J Brookheads PA 18322	FP	ALBERTSON, MD, Richard P Lankeneu Hosp Anes Dpt Philadelphia PA 19151	AN	BECK, DO, Jonethsn E 1006 Hawthorne Lane Ft Washington PA 19034	FP	BROWN JR, MD, M Evans 1378 Sleyton Dr Mpsla Glenn PA 19002	PM
DAIBER, DO, William K 512 S Arlington Ave Harnsburg PA 17109	FP	METZGAR, MD, Mershell R 41 N 7th St Stroudsburg PA 18360	FP	ALDEN, MD, James C Evans Rd Box 218 Gwynedd Valley PA 19437	IM	BECK JR, MD, William C 1420 Vslay Rd Meedowbrook PA 19046	FP	BROWN, MD, George L 19 Beechtree Ln Mountville PA 17554	D
DEBOER, MD, John L 175 E Brown St Esst Stroudsburg PA 18301	GS	METZGAR, MD, Thomas I 45 N 7th St Stroudsburg PA 18360	OTO	ALEXANDRE, MD, Journal 731 W Erie Ave Philadelphia PA 19140	GS	BELASCO, MD, Robert N 1401 Dekalb St Norristown PA 19401	IM	BROWN, MD, William E 107 Glenview Ave Wyncote PA 19095	FP

BUCK, MD, Addison S Bx 65 B Rd 1 Vly Hill Rd Malvern PA 19355	FP	CICCONE, MD, Petrick E Plymouth Road Gwynedd Vly PA 19437	P	DEITZ 3RD, MD, George W 2240 Pine Rd Huntingdon Vly PA 19006	IM	ELLIS, MD, Michael D 1047 York Rd Abington PA 19001	OBG	FRITZ, MD, Herbert H 110 Pennswood Rd Bryn Mawr PA 19010	FP
BUCK, MD, Ruth E 338 Dreshertown Rd Fi Washington PA 19034	R	CLADER, MD, Stentley C 825 Glenbrook Ave Bryn Mawr PA 19010	OBG	DELACRUZ, MD, Apoliner D 521 W Veiley Forge Rd King Of Pruss PA 19406	FP	ELLISON JR, MD, Richard T 1245 Highland Ave Abington PA 19001	PD	FURMAN, MD, Herold B 1103 W Veiley Rd Wayne PA 19067	PD
BUCKO JR, MD, Matthew I 3213 Polk Rd Norristown PA 19403	OTO	CLAIR, MD, Theodore W 864 County Line Rd Bryn Mawr PA 19010	PD	DELONG, MD, Philip L 1303 Upper Slump Rd Chalfont PA 18914	AN	ERSNER, MD, Arthur R 3901 Conshohocken Ave 92 Philadelphia PA 19131	IM	GAFFNEY, MD, Edmund J 64 N Hanover St Pottstown PA 19464	GS
BUCKWALTER, MD, Phyllis S Welsh Rd-Inverness Dr Horsesham PA 19044	FP	CLASSEN, MD, Charles H 864 County Line Rd Bryn Mawr PA 19010	PD	DELP JR, MD, Charles W 610 E Philadelphia Ave Boyertown PA 19512	FP	ESKIN, MD, David J 1443 Woodland Rd Rydell PA 19046	IM	GALLAGHER, MD, Doris B 317 Aubrey Rd Wynnewood PA 19096	AN
BUCKWALTER, MD, Richard A Welsh Rd At Inverness Dr Horsesham PA 19044	FP	CLEAVER, MD, Dorothy M 162 Level Rd Collegeville PA 19426	P	DEMARCO, MD, Joseph F 1266 Burnett Rd Huntingdon Vly PA 19006	OBG	EVANGELISTA, MD, Simplicio E Bryn Mawr Hosp Bryn Mawr PA 19010	R	GANIME, MD, Peter D 335 Garrison Way Conshohocken PA 19426	P
BUERK, MD, Minerve S 331 Penn Rd Wynnewood PA 19096	D	CLEAVER, MD, E Eugene 300 Main St E Greenville PA 18041	FP	DEGLER, MD, Erneel H 71 High St Pottstown PA 19464	OPH	EVANS, MD, Hayden O 637 High St Pottstown PA 19464	FP	GARABEDIAN, MD, Joseph A 1221 Powell St Norristown PA 19401	GS
BURDEN, MD, George E 513 Scott Rd Gladwyne PA 19035	FP	CLEMENT, MD, Gordon S 1912 Johnson Rd Norristown PA 19401	GS	DERIVAS, MD, Carmela F 700 Joseph Dr Wayne PA 19067	P	EWING, MD, Charles H 1306 Fairacres Rd Rydell PA 19046	FP	GARCIA, MD, Theodore A 385 S Gulph Rd King Of Pruss PA 19406	OPH
BURDEN, MD, Samuel S The Benson Menor St 115 Jenkintown PA 19046	IM	CLEMENTS, MD, William W 139 Berkley Rd Devon PA 19333	FP	DERSTINE, MD, Ralph L 464 Maple Ave Herleysville PA 19438	FP	FALK, MD, Arthur E 902 N Broad St Lansdale PA 19446	OBG	GATTER, MD, Robert A 1245 Highland Ave Abington PA 19001	IM
BURKHART, MD, Charles B 1630 E High St Pottstown PA 19464	OBG	CLYMAN, MD, Byron 1329 De Kalb St Norristown PA 19401	D	DESAI, MD, Anauya M 516 Conshohocken State Rd Gladwyne PA 19035	OBG	FARB, MD, Stentley N 308 W Logan St Norristown PA 19401	OTO	GERMAN, MD, Terry M 6116 Old York Rd Ste D Elkins Prk PA 19117	OBG
BURNS, MD, Jesse E 500 Walnut St Royerford PA 19466	FP	COCHRAN, MD, William C 1245 Highland Ave Ste 206 Abington PA 19001	GS	DESAI, MD, Mohan G 516 Conshohocken St Rd Gladwyne PA 19035	R	FARIS, MD, Samuel S 235 North Easton Rd Glenside PA 19038	FP	GERRITSEN, MD, Roy W 1245 Highland Ave Abington PA 19001	GS
BUSHYAGER, MD, Rosa M 116 N Reading Ave Boyertown PA 19512	FP	COHEN, MD, Jacob H 3526 Pine Rd Huntingdon Vly PA 19006	FP	DESILVERIO, MD, Robert V 1700 Benj Frank Pky Philadelphia PA 19103	P	FARMER, MD, Harold E 315 W Wayne Ave Wayne PA 19087	IM	GERSHON, DO, Justin H 511 Waldon Pk Dr Haverford PA 19041	PTH
BUTLER, MD, Claude H 242 Los Rincones Green Valley AZ 85614	P	COHEN, MD, Samuel F 1639 Pine St Norristown PA 19401	FP	DEVEREUX, MD, Linde Bryn Mawr Hosp Bryn Mawr PA 19010	EM	FARMER, MD, Rodney A 200 Townshiplane Rd Elkins Park PA 19117	N	GERSON, MD, Irvin M 100 Old York Rd-420 Jenkintown PA 19046	OS
BUYERS, MD, Robert A 1308 De Kalb St Norristown PA 19401	GS	COHLER, MD, Allen Lsuel Road Solebury PA 18963	R	DEVINE, MD, Michael F 100 Church Road Ardmore PA 19003	IM	FEBBRARO, MD, Anthony A 34 Green St Lansdale PA 19446	FP	GIANNASIO, MD, Charles V 727 Falcon Dr Wyndmoor PA 19118	P
BYRNE, MD, Robert J 1308 Dekalb St Norristown PA 19401	ORS	COLCHER, MD, Irving S 2795 Egypt Rd Audubon PA 19401	PD	DEVINEY, MD, John P 1630 High St Pottstown PA 19464	IM	FEIN, DO, Howard K 922 Fayette St Conshohocken PA 19428	FP	GINSBURG, MD, Silas J 1245 Highland Ave Abington PA 19001	OBG
BYRON, MD, Harold J Wyncote House Wyncote PA 19095	P	COLCHER, MD, Robert E 1033 Germantown Pike Norristown PA 19401	GS	DIAMOND, MD, B Franklin 1245 Highland Ave Abington PA 19001	N	FEINBERG, MD, Michael J 777 W Germantown Pike Plymouth Mtg PA 19462	R	GLANZBERG, MD, Pauline 814 De Kelb St Norristown PA 19401	FP
CAIN, MD, James P 67 King St Pottstown PA 19464	FP	COLOMEDA, MD, Regio S 736 Wright Drive Maple Glen PA 19002	FP	DIAZ, MD, Filadello T Continental Dr Col Hgts Pottstown PA 19464	GS	FEINSTEIN, MD, Michael A 301 S 8th St Ste 2F Philadelphia PA 19107	OBG	GLASER, MD, Barry L 1521 Amity Rd Rydell PA 19046	GS
CAMP, MD, William P 200 Hughes Rd King Of Prussie PA 19406	P	COLOSI, MD, Nicholas A 300 W Mount Cermel Ave Glenside PA 19038	FP	DIENER, MD, Ian L 310 Conestoga Rd Wayne PA 19067	FP	FELDERMAN, MD, Eugene S 1307 W Tabor Rd Philadelphia PA 19141	U	GLOCKER, MD, Rudolph K 701 Main St Royerford PA 19466	GS
CAMPBELL, MD, Twining F 1430 De Kalb St Norristown PA 19401	AN	COLTON 5TH, MD, Sabin W 600 Harrison Rd Bryn Mawr PA 19010	IM	DIGIACOMO JR, MD, Philip J 285 Balleston Rd Ambler PA 19002	IM	FENN, MD, Patricia A 933 Haverford Rd Bryn Mawr PA 19010	IM	GOERINGER, MD, C Fred 643 Hemlock St Lansdale PA 19446	FP
CANALS, MD, Joaquin 172 N Whitehall Rd Norristown PA 19401	P	CONNERTON, MD, George E Apt 1104 1000 Walnut St Philadelphia PA 19107	PTH	DILLON, MD, Richard S Bryn Mawr Medical Bldg Bryn Mawr PA 19010	IM	FERGUSON, MD, R Laurence 922 Montgomer Ave C14 Bryn Mawr PA 19010	P	GOLDBERG, MD, Louie 515 W Mein St Norristown PA 19401	OPH
CANCELMO, MD, J James 337 W Lancaster Ave Wayne PA 19087	R	CONNOR, MD, Robert W 1000 N Broad St Lansdale PA 19446	OPH	DIMINO, DO, Joseph M 1500 Plymouth Blvd Norristown PA 19401	FP	FERRONI, MD, Joseph S 522 Conshohocken St Rd Gledwyne PA 19035	OBG	GOLDEN, MD, Meno R 1313 De Kelb St Norristown PA 19401	U
CANCELMO, MD, Richard P Bryn Mawr Hoap Bryn Mawr PA 19010	R	COOPER, MD, Barry R 1126 Old York Rd Abington PA 19001	FP	DINCER, MD, Kemal 1033 W Germantown Pk Norristown PA 19401	FP	FILIP, MD, John R 501 Conshohocken St Rd Bele-Cynwyd PA 19004	IM	GOLDSCHMIDT, MD, Herbert 820 One Bala Cynwyd Plz Bale Cynwyd PA 19004	D
CARFAGNO, MD, Selvetore C 1401 De Kelb St Norristown PA 19401	IM	COOPER, MD, Jeffrey 1445 Candlebrook Dr Dreaher PA 19025	OTO	DIPASQUALE, DO, Urban D 11th Ave & Fayette St Conshohocken PA 19426	FP	FILOSA, MD, Robert J 926 Hickory Dr Blue Bell PA 19422	OBG	GOLDSTEIN, MD, Larry E 602 Argyle Circle Wynnewood PA 19096	U
CARLIN, MD, Elwin S 27 W Fomance St Norristown PA 19401	OBG	COOPER, MD, Murray S 1245 Highland Ave Abington PA 19001	OBG	DOEFF, MD, Jan W 425 Homestead Rd Wayne PA 19067	P	FINGERUT, MD, Jerald C 2106 Pennsylvania Ave Fi Washington PA 19034	IM	GOLDSTEIN, MD, Steven J 194 Albemarle Dr Penlynn PA 19422	IM
CARLSON, MD, Robert E 21 W Fomance St Norristown PA 19401	GS	CORNISH, MD, James W 1028 Oldham Place F Cornwells Hgts PA 19020	PS	DOERING, MD, Andrew A 1296 Sagebrush Ct Rio Rancho NM 87124	FP	FINGO, MD, Albert J 1614 Spers Lene Norristown PA 19401	FP	GOMEZ, MD, Blanca M Norristown State Hosp Norristown PA 19401	P
CARMICHAEL, MD, Paul L 1000 N Broed St Lansdale PA 19446	OPH	CORNMAN 3RD, MD, Henry D Haverford & Lindsay Ave7 Bryn Mawr PA 19010	IM	DOHERTY JR, MD, Henry J Lsnkenau Hosp Philadelphia PA 19151	AN	FINK, MD, Jeck W 902 N Broed St Lansdale PA 19448	OBG	GOMEZ, MD, Pedro F Norristown State Hosp Norristown PA 19401	P
CARPENTER JR, MD, John T 864 County Line Rd Bryn Mawr PA 19010	OBG	CORRIGAN, MD, Dominic F 1717 Madiere Ave Jenkintown PA 19046	IM	DONALD, MD, Delmar J Maple Glen Prof Ctr Maple Glen PA 19002	IM	FISHER, MD, Alvin H 1245 Highland Ave Abington PA 19001	P	GOMEZ-DUMARAN, MD, Delta 7909 Oxford Ave Fox Chas Philadelphia PA 19111	IM
CARSON, MD, John S 888 Glenbrook Ave Bryn Mawr PA 19010	AN	COZZARELLI, MD, James D S Broad & Allentown Rd Lansdale PA 19446	GS	DONNER, MD, William T Abington Mem Hosp Abington PA 19001	P	FISHER, MD, Norman J 444 N York Rd Halboro PA 19040	FP	GOOD, MD, Robert P 27 S Bryn Mawr Ave Bryn Mawr PA 19010	ORS
CARTER JR, MD, William S 1245 Highland Ave #208 Abington PA 19001	P	CRAVETZ, MD, Howard 5th & Ford Sta Bridgeport PA 19405	AN	DORIAN, MD, Alan L 1306 De Kelb St Norristown PA 19401	GS	FISHER, MD, Robert M 447 Great Springs Rd Bryn Mawr PA 19010	FP	GOODMAN, MD, Carl R Montgomery Hospital Norristown PA 19404	PM
CARTY JR, MD, James B 958 County Line Rd Bryn Mawr PA 19010	OPH	CRITS, MD, Harry J 777 Germantown Pike Latayette Hill PA 19444	IM	DOWNIE, MD, Robert W 507 Westview St Philadelphia PA 19119	PM	FORSYTH, MD, Alice J 601 E Sedgwick St Philadelphia PA 19119	GS	GOODMAN, MD, Sanford M 1226 Easton Rd Roslyn PA 19001	FP
CASTEL, MD, Jose M 1400 Old York Rd Abington PA 19001	FP	CRONLUND, MD, Philip R 500 N Easton Rd Willow Grove PA 19090	FP	DRISCOLL, DO, Robert W 2705 Dekalb Pk-Ste101 Norristown PA 19401	GS	FRANK, MD, Leonard A 15 W Wood St Norristown PA 19401	U	GOODYEAR, MD, James A 167 Summit Dr Colmar PA 18915	GS
CAUTILLI, MD, Richard A 7922 Bustleton Ave Philadelphia PA 19152	ORS	CRUZ, MD, Alexander C 141 Rece St Ambler PA 19001	FP	DRISCOLL, MD, Geneva Z 133 Hegys Ford Rd Narberth PA 19072	P	FRANK, MD, Martin N 1245 Highland Ave 306 Abington PA 19001	IM	GOPPELT, MD, John W Exeter Rd Haverford PA 19041	P
CELEBRE, MD, Joan A 1040 Dekalb Pk Centre Square PA 19442	OBG	CURRAN, MD, Marilyn R 1124 Indian Creek Rd Philadelphia PA 19151	P	DUDICH, MD, Michael S 7660 Spring Ave Elkins Park PA 19117	FP	FRANK, MD, Paul E 331 N York Rd Halboro PA 19040	OPH	GORDDN JR, MD, Kenneth H 1250 Upper Gulph Rd Rednor PA 19067	P
CHAPIS, MD, Nicholas J 1630 E High St Pottstown PA 19464	OBG	CUTLER, MD, Charles 512 Hamilton Rd Merion Station PA 19066	IM	DURKIN, MD, Edward C 343 Conestoga Rd Wayne PA 19087	FP	FRANK, MD, Reuben 15 W Wood St Norristown PA 19401	IM	GORDON, MD, Arthur E 401 Crescent Rd Wyncote PA 19095	OBG
CHESNICK, MD, Steven R 306 W Logan St Norristown PA 19401	OTO	DANOFF, MD, David M 21 Meredith Rd Philadelphia PA 19151	R	DURKIN, MD, Martin J 656 Muttord Dr Wyncote PA 19095	P	FRANK, MD, Robert L 331 N York Rd Halboro PA 19040	OPH	GORDON, MD, Lawrence A 1445 City Line Ave Philadelphia PA 19151	OTO
CHEYNEY II, MD, James B York And Maplewood Ave Abington PA 19001	FP	DASCHER JR, MD, John J 724 Meadowlark Rd Audubon PA 19407	R	DYNAN, MD, James E S Broed & Allentown Rd Lansdale PA 19446	GS	FRAUENHOFFER, MD, Christopher M 950 Walnut St Philadelphia PA 19107	PTH	GOREN, MD, Elihu N 1904 Quill Lena Orland PA 19075	IM
CHOI, MD, Tohsik 1533 Twp Line Rd Norristown PA 19401	IM	DAVIDSON, MD, Wellace L Merck Sharp & Dohme West Point PA 19486	PRM	ECHIKSON, MD, Edward H 1245 Highland Ave Abington PA 19001	IM	FRAZIER, MD, Thomas G Bryn Mawr Med Bldg Bryn Mawr PA 19010	GS	GOTLIEB, MD, Jerry 214 Jeffrey Ln Newtown Sq PA 19073	U
CHRISTIANSEN, MD, Kjell H Bryn Mawr Med Bldg Bryn Mawr PA 19010	TS	DAVIS, MD, David M 816 Pennstone Rd Bryn Mawr PA 19010	U	EHRLICH, MD, Dion R 1245 Hglend Ave #405 Abington PA 19001	OPH	FREEDMAN, MD, Lawrence T 6116 Old York Rd Ste D Elkins Prk PA 19117	OBG	GOWEN, MD, George F 1200 East High St Pottstown PA 19464	GS
CHUA, MD, Chong V 1320 Randy Dr Pottstown PA 19464	AN	DAVIS, MD, Edward W 1803 W Main St Norristown PA 19401	FP	EHRLICH, MD, Leonard D 1617 Line St Lansdale PA 19446	IM	FREYMAN, MD, Leon 507 W Mein St Norristown PA 19401	FP	GREEN, MD, Berry P 626 North Broad St Lansdale PA 19446	FP
CIAVARELLI, MD, Anthony G 54 N Ridge Ave Ambler PA 19002	FP	DECKER, MD, Steven E 4016 Schoothouse Le Plymouth Mtg PA 19464	FP	ELLIS, MD, David M 240 Merion Rd Merion Station PA 19066	P	FRIDEN, MD, G Burton 730 Thomas Jeff Rd Wayne PA 19087	FP	GREEN, MD, George R 1245 Highland Ave 107 Abington PA 19001	IM

GREEN, MD, Leland J Lansdale Med Group Lansdale PA 19448	IM	HEYDT JR, MD, Ernest H 216 Summit Ave Jenkintown PA 19048	OPH	KAUFFMAN, MD, M Luther 2254 Pleasant Ave Glenside PA 19038	OPH	LEBEAU, MD, Jack 1401 Dekalb & Fomance Norristown PA 19401	IM	MARRONE, MD, Ralph T 1721 Deerfield Rd Norristown PA 19401	P
GREEN, MD, Stanley Ben Fox Pav Foxcroft Sq Jenkintown PA 19046	IM	HICKEY JR, MD, Daniel 620 E Willow Grv Ave Philadelphia PA 19118	FP	KAVLE, MD, Carleton J 109 Ringwood Rd Rosemont PA 19010	AN	LEBER, MD, Alfred P 333 8th Ave Collegeville PA 19428	FP	MARSHALL, MD, Thomas E 1648 Huntingdon Pike Meadowbrook PA 19046	IM
GREENBERG, MD, Sigmund R Abington Hspmedbdg St306 Abington PA 19001	IM	HOFFMAN, MD, Carl J 2901 Cottman Ave Philadelphia PA 19149	P	KAY, MD, Raymond J 126 Hampton Ct West Chester PA 19380	FP	LECKES, MD, Harold I 107 Montgomery Ave Bele Cynwyd PA 19004	IM	MARTELLA JR, MD, Arthur 233 S Trooper Rd Norristown PA 19401	FP
GREENSPAN, MD, Herbert S 506 Harrison St Glenside PA 19036	P	HOFFMAN, MD, James P Merck Sherg & Dohme West Point PA 19488	ADM	KEISMAN, MD, Robert A 1900 Spruce St Philadelphia PA 19103	IM	LEEDOM, MD, John F 898 Crestline Dr Blue Bell PA 19422	FP	MARTIN, MD, Marina M 933 Haverford Rd Bryn Mawr PA 19010	IM
GREENSPON, MD, Samuel E 20 W Cheltenham Ave Philadelphia PA 19120	FP	HOLM, MD, William W 491 Allendale Rd Kng Of Pruss PA 19406	PD	KELSO, MD, Don R Abington Mem Hap Ste 108 Abington PA 19001	GS	LEGENDRE, MD, Gerald M 133 4th St Bridgeport PA 19405	FP	MARTINEZ-ESKENASY, MD, German 734 Traphany Lane Strafford PA 19087	PTH
GRIFFITH JR, MD, Vincent A 2996 Eastburn Ave Broomell PA 19008	OBG	HOLMBERG, MD, Donald E 193 Easton Rd Horsesham PA 19044	FP	KELTON, MD, Franklin C 8601 Stenton Ave Wyndmoor PA 19118	FP	LEROY, MD, N Bleir 933 Haverford Rd Bryn Mawr PA 19010	IM	MARX, MD, Marvin H 15 W Wood St Norristown PA 19401	U
GROHSMAN, MD, Jonathan M 727 Foster Rd Cheltenham PA 19012	OPH	HOPKINS, MD, F Thomas 864 County Line Rd Bryn Mawr PA 19010	IM	KENWORTHY JR, MD, Harry J 1245 Highland Ave 107 Abington PA 19001	IM	LEWIN, MD, Lee B 2000 Vly Forge Cir #227 Kng Of Pruss PA 19406	AN	MATTHEWS JR, MD, Neilson M 115 Bloomingdale Ave Wayne PA 19087	OBG
GROLL, MD, Michael 1245 Highland Ave Abington PA 19001	OBG	HOPKINS, MD, John E 85 Crestline Rd Strafford PA 19087	GS	KERN, MD, Frank 31-B E Wynnewood Rd Wynnewood PA 19096	D	LIMBERT, MD, Lawrence 20 E 11th St Conshohocken PA 19428	FP	MATTSON, MD, Ronald J Bryn Mawr Med Bldg Bryn Mawr PA 19010	GS
GROSS, MD, Daniel J 1800 E High St Pottstown PA 19464	ORS	HOPKINSON 3RD, MD, John H 1245 Highland Ave 106 Abington PA 19001	OBG	KERSON, MD, Lawrence A 925 Muirfield Rd Bryn Mawr PA 19010	N	LINTGEN, MD, Arthur B Abington Memorial Hosp Abington PA 19001	IM	MAXWELL JR, MD, Robert A 1245 Highland Ave Abington PA 19001	IM
GUINALDA-CASTRO, MD, Nemesie G 578 Coachroad Horsesham PA 19044	P	HOPPER, MD, Bruce D 888 Conestoga Rd Berwyn PA 19312	FP	KETZAN, MD, Tibor Abington Mem Hosp Abington PA 19001	PM	LIPKIN, MD, David E 9 Pinetree Pl Ft Washington PA 19034	IM	MAXWELL, MD, Emilie L Montgomery Plz Apt 208 Ardmore PA 19003	PM
GUREGHIAN, MD, Petricia A 808 Manayunk Rd Merion PA 19066	R	HORMAN, MD, Marc J 1245 Highland Ave Abington PA 19001	IM	KHAN, MD, Asadulle 307 B 1432 Arch St Norristown PA 19401	US	LIPTON, MD, Steven E 8211 Brookside Rd Elkins Park PA 19117	OBG	MAYER, MD, Bernard W 134 Old Gulph Rd Gladwyne PA 19035	AN
GUTHRIE, MD, Marshall B 1500 Spg Gdn St Box 7929 Philadelphia PA 19101	D	HORNER JR, MD, Daniel W 1245 Highland Ave Abington PA 19001	IM	KIANOURY, MD, Moji 933 Fox Chase Rd Jenkintown PA 19046	GS	LITVIN, MD, Henry 134 Cerdinel Rd Jenkintown PA 19048	P	MAYER, MD, Donald F 255 N Easton Rd Glenside PA 19038	FP
GUTHRIE, MD, William J 1630 E High St Pottstown PA 19464	IM	HUDOCK JR, MD, Emanuel B 1428 Markley St Norristown PA 19401	IM	KIEFNER JR, MD, Frederick J 507 Chelena Ave Jenkintown PA 19048	R	LONGAKER JR, MD, George M 566 High St Pottstown PA 19464	FP	MAYES, MD, Richard L 1401 Dekalb St Rm 203 Norristown PA 19401	OBG
GUTIERREZ, MD, Lina C 163 Avondale Rd Norristown PA 19401	P	HUNSBERGER, MD, Joseph L 2803 Stanbridge St 512B Norristown PA 19401	IM	KILLIAN, MD, Dorothee M 1720 Balsam Lane Villanova PA 19085	IM	LOUGHLIN, MD, Richard R 8 Patricia Lane Chalfont PA 18914	FP	MAZZOLA, MD, Robert D S Broad St & Altwn Rd Lansdale PA 19446	IM
GUYER, MD, Samuel 934 Blue Rock Lane Blue Bell PA 19422	GS	HUNTLEY, MD, Arthur C Plymouth Rd Gwynedd Valley PA 19437	P	KIM, MD, Taemoun 1002 Lansdale Ave Lansdale PA 19448	PTH	LUBOWITZ, MD, Richard M 1245 Highland Ave #405 Abington PA 19001	OPH	MCDONALD, MD, Thomas A Abington Hosp Ste 106 Abington PA 19001	OBG
HABERMAN, MD, Jack 933 N Charlotte St Pottstown PA 19464	FP	HURST JR, MD, J Paul 1245 Highland Ave Abington PA 19001	P	KING JR, MD, Warren E 1907 Lukens Ave Willow Grove PA 19090	AN	LUNDY, MD, Berbera S 1533 Dekalb St Norristown PA 19401	PS	MCGAVIC, MD, John S 1104 Montgomery Ave Rosemont PA 19010	OPH
HADRA, MD, Ellinor S 22 N Price St Pottstown PA 19464	FP	HUTCHISON, MD, James C 1930 Keith Rd Abington PA 19001	FP	KINLAW, MD, W Bernard 1245 Highland Ave #107 Abington PA 19001	IM	LUPIN, MD, Gordon W Main & Overbrook Rds Hatfield PA 19440	FP	MCGEE, MD, Elizabeth L 640 N Valley Forge Rd Devon PA 19333	P
HAGARTY, MD, John J Holy Redeemer Hosp Meadowbrook PA 19046	PTH	HYDE, MD, William J 55 Meade Rd Ambler PA 19002	GS	KIRKPATRICK, MD, Daniel W 700 Germantown Pike Norristown PA 19401	FP	LURIE, MD, Abraham A 328 Strathmore Dr Rosemont PA 19010	AN	MCGILMURPHY, MD, Thomas H 1245 Highland Ave Abington PA 19001	OBG
HALE, MD, Robert G 4004 Fairway Rd Lafayette Hill PA 19444	OBG	HYKES, MD, James I 218 Greys Lane Haverford PA 19041	FP	KISTLER, MD, Paul M 330 E Lancaster Ave Wayne PA 19087	FP	LUTZ JR, MD, Roland B 1128 Old York Rd Abington PA 19001	FP	MCKENNA, MD, Marc W 15 West Wood St Norristown PA 19401	FP
HALL, MD, J Macdonald Wanamaker 13th & Mkt Philadelphia PA 19101	IM	IVKER, MD, Morris 970 Indian Creek Rd Jenkintown PA 19048	R	KISTLER, MD, William S 300 Main St E Greenvl PA 18041	FP	LYNESS, MD, Samuel S 958 County Line Rd Bryn Mawr PA 19010	NS	MCLOONE, MD, John C 316 W Johnson Highway Norristown PA 19401	FP
HAMBURG, MD, Allan E 428 Cottman St Jenkintown PA 19048	ORS	JABLON, MD, Norman C 7805 Cobden Rd Laverock PA 19118	P	KITCHELL, MD, James R P O Box 239 Abington PA 19001	IM	LYTEL, MD, Frederick Abington Mem Hosp Abington PA 19001	FP	MCNICHOLAS, MD, Edwerd M 932 Netherwood Dr Norristown PA 19403	AN
HAMMOND III, MD, N Leroy 342 Lankenau Med Bldg Philadelphia PA 19151	ORS	JACOBS, MD, John B 1455 Allentown Rd Lansdale PA 19448	FP	KLINE, MD, Edger W 800 Columbia Ave Lansdale PA 19446	FP	MAANY, MD, Iradj 2036 Spring Mill Rd Lafayette Hill PA 19444	P	MEADOWCROFT, MD, James A 255 Lenape Dr Berwyn PA 19312	ORS
HANBY JR, MD, W Forwood 2815 Lundy Lane Huntingdn Vly PA 19006	R	JAFFE, MD, Louis 1122 High St Pottstown PA 19464	D	KNEELAND, MD, Malcolm E 21 W Fomance St Norristown PA 19401	GS	MACKEY JR, MD, James G 268 Wentworth Rd Wayne PA 19087	FP	MEDWAY, MD, Marc J 8 Rose Terrace Lafayette Hill PA 19444	PM
HANCOX, MD, Cecil W 268 Maplawood Dr Pottstown PA 19464	OTO	JEYARAJ, MD, Francis S Broad At Allentwn Rd Lansdale PA 19446	PD	KNOWLTON JR, MD, Stephen B Abington Mem Hosp Abington PA 19001	GS	MACY, MD, Charles T Lanedeale Clinic Lansdale PA 19448	IM	MEIER, MD, Louis A 3205 Nottingham Rd Norristown PA 19403	GS
HAND, MD, Roy H Abington Mem Hosp Abington PA 19001	GS	JOCHNOWITZ, MD, Michael J 902 N Broad St Lansdale PA 19448	OBG	KOHLHAS, MD, Jacob J 410 Lancaster Ave Haverford PA 19041	IM	MADDEN, MD, James J S Broad & Allentown Rd Lansdale PA 19448	IM	MELTZER, MD, David 3058 Magee Ave Philadelphia PA 19149	FP
HANHAUSEN JR, MD, Edward H 418 E Lancaster Ave Wayne PA 19087	OPH	JONES, MD, Daniel C 90 Greenfield Ave Ardmore PA 19003	FP	KONECKE, MD, Lee L 1390 Glen Hardie Rd Wayna PA 19087	IM	MAERZ, MD, John C 301 Smith Rd Schwenksville PA 19473	FP	MENA, MD, Lilia D 174 Whitehall Rd Norristown PA 19401	P
HARDEE, MD, Key Cuthbert 7819 Country Club Rd N St Petersburg FL 33710	FP	JONES, MD, Warren M 714 Bethlehem Pike Erdenheim PA 19116	OPH	KRAKOVITZ, MD, Jey A 60 E Township Line #328 Elkins Park PA 19117	IM	MAGARGLE, MD, Ronald K 1411 Powell St Norristown PA 19401	ORS	MENKOWITZ, MD, Bruce J 1411 Powell St Norristown PA 19401	ORS
HARMON, MD, Eli B 125 Coulter Ave Ardmore PA 19003	P	JOSSELSO, MD, Allen S 1544 Dekalb Street Norristown PA 19401	IM	KRANTZ, MD, Walter J 1850 York Rd Abington PA 19001	FP	MALIT, MD, Lee A 31 Lankenau Med Bldg Philadelphia PA 19151	AN	MENKOWITZ, MD, Elliot 1803 E High St Pottstown PA 19464	ORS
HARPER, MD, John B 1200 York Rd Abington PA 19001	R	JOYCE, MD, Michael F 7922 Bustleton Ave Philadelphia PA 19152	ORS	KRAVIS, MD, Gery I 2050 Butler Pike Plymouth Mtng PA 19482	FP	MALLIN, MD, Richard K 1405 Joel Dr Ambler PA 19002	FP	METTLER, MD, Dallas E 555 Glesgow St Stowe PA 19464	FP
HARRIS, MD, Richard H 308 E Ormandy Pl Ambler PA 19002	R	JUAREZ, MD, Rolando 33 Redburn Rd Huntingdn Vly PA 19006	GS	KRAVIS, MD, Lilian P 233 E Lancaster Ave Wynnewood PA 19098	PD	MALONEY, MD, Donald W 1245 Highland Ave #107 Abington PA 19001	IM	MEYER, MD, Thomas L 194 N Whitehall Rd Norristown PA 19403	US
HARRISON JR, MD, Joseph 888 Glenbrook Ave Bryn Mawr PA 19010	FP	JULES, MD, Arnold J 635 N Broad St Lansdale PA 19448	ORS	KRAVITZ, MD, Bernard J 1245 Highland Ave Abington PA 19001	IM	MAMBU, MD, Joseph F 11 Beryl Rd Cheltenham PA 19012	FP	MICHAELS, MD, Mike 8901 Petton Rd Wyndmoor PA 19118	PTH
HARVEY, MD, Rolita M 3510 North Village Ct Sarasota FL 33581	R	JUNKIN, MD, David M 1327 Old York Rd Abington PA 19001	ORS	KROMASH, MD, Marvin H 1520 High St Pottstown PA 19464	PD	MANDLER, MD, John I 1245 Highland Ave Abington PA 19001	U	MICHAELSON, MD, Robert L 604 Gawein Rd Plymouth Mtg PA 19482	OBG
HASKIN, MD, Myra R 514 Ballyore Rd Wynnewood PA 19096	PM	KALAWADIA, MD, Vinodrai D 1420 Arch St C303 Norristown PA 19401	GS	KUSHNER, DO, Paul G 1011 Valley Forge Rd Fairview Vly PA 19409	PD	MANFREY, DO, Frank J 203 Arden Rd Broomall PA 19008	OBG	MILLER 3RD, MD, George W 26 School Lane Ardmore PA 19003	PRM
HAUSER, MD, Norman 1130 Old York Rd Abington PA 19001	R	KANE, MD, John S 308 W Johnson Highway Norristown PA 19401	OBG	LABOWSKIE, MD, Eugene M 827 Fayette St Conshohocken PA 19428	FP	MANKO, MD, Michael A Lankenau Hosp Philadelphia PA 19151	IM	MILLER, MD, Alan M 2223 N Stone Ridge Lane Villanova PA 19085	OTO
HAYTHORNTHWAIT, MD, B Mery 313 Watlington Terrace Jenkintown PA 19048	PD	KARPINSKI JR, MD, Felix E 780 Mancill Rd Wayna PA 19087	PD	LACHMAN, MD, Robert J 886 Glenbrook Ave Bryn Mawr PA 19010	AN	MANN, MD, Arthur F 902 Temple Rd Pottstown PA 19467	FP	MILLER, MD, Frank L 715 W Marshall St Norristown PA 19401	FP
HECHT, MD, Werran B Pottstown Prof Mall Pottstown PA 19464	IM	KATCHMAN, MD, Jerome J 1401 Dekalb St Norristown PA 19401	FP	LAGONILLA, MD, Juanito L 982 Kenny Rd Pottstown PA 19464	FP	MANZ, MD, Donald J Holy Redeemer Hosp Meadowbrook PA 19048	PTH	MILLER, MD, Leon 1245 Highland Ave Abington PA 19001	OBG
HEIDARY, MD, Ghodretelleh Lankenau Hosp Ste 31 Philadelphia PA 19151	AN	KATES, MD, Jonathan L 635 N Broad St Lansdale PA 19448	ORS	LANDER, MD, William W 888 Glenbrook Ave Bryn Mawr PA 19010	FP	MARCH, MD, Herman C 214 Cedar Rd Elkins Park PA 19117	R	MILLER, MD, Robert H 70 Heether Ln Norristown PA 19403	P
HENDERSON, MD, Theodore A 500 Willow Ave Ambler PA 19002	FP	KATTELMAN, DO, Merc 922 Fayette St Conshohocken PA 19428	FP	LAUTERBACH, MD, Edwin W 1245 Highland Ave Abington PA 19001	GS	MARGARIDA, MD, Leopoldo E 1200 York Rd Abington PA 19001	R	MINARD, MD, William D Lansdale Clinic Lansdale PA 19448	OBG
HESS, MD, Ivan W 69 N Boro Line Rd Collegeville PA 19428	FP	KATZ, MD, Robert E 500 Fayette St Conshohocken PA 19428	FP	LAWLOR, MD, Robert J 114 Buckingham Dr Rosemont PA 19010	FP	MARON, MD, John J 336 Spring St Royersford PA 19468	FP	MINERVA, MD, Justino G 420 W Bonnie Ln Lansdale PA 19446	AN

MINN, MD, Fredrick L Mcneil Lebs Spring House PA 19477	FP	OMALLEY, MD, Joseph F 801 Lomberdy Dr Lansdale PA 19446	IM	PRITT, MD, Pauline 1124 W Airy St Norristown PA 19401	FP	RUBIN, MD, Jeffery F 102 Harvest Circle Bela Cynwyd PA 19004	ORS	SHAPIRO, DO, Steven A 1303 Dundee Dr Drasher PA 19025	PD
MISHEL, MD, Henry S 1454 Tellyho Rd Meadowbrook PA 19046	IM	ONEAL JR, MD, Alexander H Wessex House Box 148 St Davids PA 19087	FP	PRUITT, MD, John D 1137 Old York Rd Abington PA 19001	P	RUBIN, MD, Nathen W 64 E Germantown Pike Norristown PA 19401	OBG	SHAW, MD, John L 1245 Highland Ave #505 Abington PA 19001	U
MOLLIICK, MD, James A 269 Adams Rd Kng Of Pruss PA 19406	OBG	ONIFER, MD, Theodore M 1930 Keith Rd Abington PA 19001	IM	QUILL, MD, Joseph R 19 W Forance St Norristown PA 19401	GS	RUBIN, MD, Peter E 700 Knox Rd Wayne PA 19067	IM	SHIELDS, MD, John J York Brook Rds Abington PA 19001	PD
MONTELLA, MD, Kamala 2050 Pine Rd Huntingdon Vly PA 19006	US	OPALACK, DO, Cheryl A 1138 Industrial Ave Pottstown PA 19464	FP	QUINN JR, MD, Norman J 1 Red Rowen Rd Plymouth Mtng PA 19462	PD	RUDDOLPH JR, MD, Samuel F 886 Glenbrook Ave Bryn Mawr PA 19010	OBG	SHIELDS, MD, Thomas J S Broad St & Allentown Rd Lansdale PA 19446	OBG
MOORE, MD, Michael F S Broad St & Allentown Rd Lansdale PA 19446	GS	OSIAS, MD, Marc B 15 W Wood St Norristown PA 19401	U	RAMSEY 2ND, MD, William H Bryn Mawr Med Bldg Bryn Mawr PA 19010	CRS	RUTSTEIN, MD, Richard M 1530 Powder Mill Lane Wynnewood PA 19086	PD	SHIN, MD, Grace E 1415 Washington Lane Rydal PA 19046	AN
MORESCHI, MD, Patricia R 909 Croton Rd Wayne PA 19087	P	OWEN, MD, Barbara J 1957 Montgomery Ave Villanova PA 19085	PTH	RANDALL IV, MD, Alexander 1174 Highland Ave Abington PA 19001	PD	RYAN, MD, Lawrence W 221 Sinkler Dr Radnor PA 19087	OBG	SHISLER, MD, Frederick H Lansdale Clinic Lansdale PA 19446	FP
MORGANROTH, MD, Joel 1344 Valley Rd Villanova PA 19151	IM	PALMER, MD, Louis H Bryn Mawr Med Bldg Bryn Mawr PA 19010	GS	RANDALL, MD, J Pertingiero 1174 Highland Ave Abington PA 19001	PD	SABOKBAR, MD, Nesser 127 Holly Dr Lansdale PA 19446	IM	SHORE, MD, Sidney 1234 Fillmore St Philadelphia PA 19124	FP
MORGANTI, MD, Ray A 2050 Old Gulph Rd Villanova PA 19085	FP	PANARO, MD, Rudolph J 543 Gen Muhlenberg Rd Kng Of Pruss PA 19406	PRM	RAPOPORT, MD, Abraham M 277 Morner Rd Rensselaer NY 12144	FP	SACKS, DO, Stephen E 1401 Dekalb St Ste 001 Norristown PA 19401	N	SHUSTERMAN, MD, Neil H 2315 Kenilworth Rd Ardmore PA 19003	IM
MORGENSTERN, MD, Stephen A 1023 Indian Creek Rd Philadelphie PA 19151	P	PANZER, MD, Herman M Cedarbrook Ili Ap N25 Wyncote PA 19095	O	RAVEL, MD, Robert L Bryn Mawr Ave Bryn Mawr PA 19010	OS	SADOFF, MD, Robert L Benj Fox Pavin Suite 326 Jenkintown PA 19046	P	SIEGEL, MD, Alvin 4623 N Broad St Philadelphia PA 19140	OBG
MORRIS, MD, Robert S 2645 Edgell Rd Huntingdon Vly PA 19006	GS	PAPPANO JR, MD, Joseph E Bryn Mawr Med Bldg Bryn Mawr PA 19010	IM	RAWSON, MD, Helen H 801 E Mein St Lansdale PA 19446	PD	SAG, MD, Jerome E S Bnd St & Allentown Rd Lansdale PA 19446	IM	SILLARS, MD, Charles H Green Valley Farm Gardenville PA 16926	R
MORRIS, MD, Vernon R 1800A High St Pottstown PA 19464	ORS	PARKER, MD, William S 316 Thornbrook Ave Rosemont PA 19010	GS	REED, MD, David T 500 Willow Ave Ambler PA 19002	FP	SAHL, MD, Henry G 1406 Manoe Rd Penn Wynne PA 19151	FP	SILVER, MD, Barry A 635 N Broad St Lansdale PA 19446	ORS
MORRISON, MD, Archibald 339 Louella Ave Wayne PA 19087	FP	PATEL, MD, Netvarbhai 2792 Egypt Rd Audubon PA 19407	FP	REED, MD, Theodore P Lankeneu Med Bldg Philadelphia PA 19151	OBG	SAIN, MD, Fletcher D 1200 W Haven Blvd Rock Mont NC 27801	GS	SILVER, MD, Bruce G 145 N Narberth Ave Narberth PA 19072	IM
MOTLEY, MD, John F 1606 Boone Wey Lansdale PA 19446	PD	PATHROFF, MD, Robert 193 Easton Rd Horsesham PA 19044	FP	REICHEL JR, MD, John 956 County Line Rd Bryn Mawr PA 19010	OPH	SALINDONG, MD, Jaime P Coventryville Rd Rd 2 Pottstown PA 19464	AN	SILVER, MD, Laurence M 635 Meeting House Road Ambler PA 19002	IM
MOURY, MD, Nelson F Butler & Skippack Ste 202 Ambler PA 19002	IM	PAUL, MD, Alvin J 142 E Main St Lansdale PA 19446	D	REIDER, MD, Horace C 956 Haverford Rd Bryn Mawr PA 19010	IM	SANDSTROM JR, MD, Frank T 1245 Highland Ave 108 Abington PA 19001	OBG	SILVERS, MD, Abigail A 933 Haverford Rd Bryn Mawr PA 19010	IM
MRUK, MD, Celeste C Oak 4 Village Ln Apts Abington PA 19001	IM	PEARSON, MD, Linwood J 15 E Ridge Pk Ste 306 Conshohocken PA 19426	OBG	REINBOLD, MD, Raymond L 966 Terrece Lene Pottstown PA 19464	FP	SANSONE, MD, Thomas C 211 Bryn Mawr Med Bldg Bryn Mawr PA 19010	U	SIMCOES, MD, Antonio J 401 Bonnie Lene Lansdale PA 19446	GS
MULL, MD, Thomas D 882 Goshen Rd Newtown Sq PA 19073	AN	PECHSTEIN, MD, George R Pottstown Hosp Pottstown PA 19464	R	RELUZ, MD, Javier S Montgomery Hosp Norristown PA 19401	FP	SANTANGELO, MD, Semuel C 1941 Woodland Rd Abington PA 19001	ORS	SIMONCELLI, MD, Leonerd R 6601 Stenton Ave Philadelphia PA 19116	IM
MURPHY, MD, J Thomas 9 Crestview Cir Wayne PA 19087	R	PEGEL, MD, Louis A 1504 Bethlehem Pike Flourtown PA 19031	FP	REX, MD, Eugene B 38 Lankenau Med Bldg Philadelphia PA 19151	OTO	SARIS, MD, Demetrius S 216 N Broad St Philadelphia PA 19102	GS	SINGER, MD, Berry L 1464 Ft Washington Ave Ambler PA 19002	IM
MURRAY, MD, John P 316 W Johnson Hwy Norristown PA 19401	FP	PEIKES, MD, Irwin L 111 W Fornence St Norristown PA 19401	OBG	RHODE, MD, Mervin C 125 Crestwood Dr Lansdale PA 19446	GS	SARKER, MD, Chitte R Mcshree Hell 15 W Wood St Norristown PA 19401	IM	SINGH, MD, Sawraj Holy Redeemer Hosp Huntingdon Pk PA 19046	FP
NASSAU, DO, Harvey B 3237 W Bruce Dr Drasher PA 19025	FP	PELTZ, MD, Dieter E Bryn Mawr Med Bldg Bryn Mawr PA 19010	PD	RICH, MD, Dean C 956 County Line Rd Bryn Mawr PA 19010	NS	SAYLOR, MD, Richard F 1520 High St Pottstown PA 19464	GS	SKOWRONSKI, MD, Theodore J Abington Mem Hosp Abington PA 19001	IM
NATOLI, MD, Thomas J 1201 De Kalb St Norristown PA 19401	FP	PENDLETON, MD, James L 615 Fellers Mill Bryn Athyn PA 19009	P	RIEMER, MD, Joseph T 21 W Fornance St Norristown PA 19401	GS	SCARPA, MD, Henry C 620 Symphony Ln Blue Bell PA 19422	FP	SMARR, MD, Erwin R 326 Airdale Rd Rosemont PA 19010	P
NEALIS, MD, Henry J Bryn Mawr Med Bldg Bryn Mawr PA 19010	OPH	PENTZ, MD, Clarence R Laurelwd Rd Ster Rt Pottstown PA 19464	OBG	RITTER, MD, Baird S 660 Lancaster Ave Bryn Mawr PA 19010	P	SCHINFELD, MD, Louis H Cedarbrook Hill Apt B510 Wyncote PA 19095	OBG	SMITH JR, MD, Morgan T 1245 Highland Ste 504 Abington PA 19001	OBG
NELSON JR, MD, Harry M 5100 Militie Hill Rd Plymouth Mtng PA 19462	GS	PERCH, MD, Gereld A 844 Brookside Rd Pottstown PA 19464	U	RITTER, MD, Joseph G 534 N Broad St Lansdale PA 19446	AN	SCHMIDT, MD, H William 376 Allendale Rd Kng Of Pruss PA 19406	PTH	SMITH, MD, Ivan S 543 Oak Shade Ave Elkins Park PA 19117	IM
NEWZOFF, MD, Sol L Noble Plaza Jenkintown PA 19046	P	PERCH, MD, Robert B 1961 Virginia Lene Norristown PA 19401	U	RIVAS, MD, Aureliano Prot Mell Medical Dr Pottstown PA 19464	U	SCHMIDT, MD, James R 250 Jfk Circle Ph4 Atlantis FL 33462	PTH	SMITH, MD, Roger M Firestone Blvd & Med Dr Pottstown PA 19464	GS
NEWHALL, MD, Daniel L 127 Pernerth Rd Bala Cynwyd PA 19004	FP	PERERA, MD, L Wimal 1445 Dekalb St Norristown PA 19401	NS	RODGERS 3RD, MD, William H 15 W Wood St Norristown PA 19401	FP	SCHMUTZLER III, MD, Robert C Abington Mem Hosp Abington PA 19001	GS	SMITH, MD, Robert W Rydal And Clement Rds Jenkintown PA 19046	IM
NEWMAN, DO, Hernis 4024 S Warner Rd Latayette Hill PA 19444	FP	PETERSOHN, MD, J Randolph 1213 W Main St Norristown PA 19401	PD	ROEDIGER, MD, Paul M 1244 Rydal Ave Rydal PA 19046	IM	SCHNEIDER JR, MD, Henry C 1650 Huntingdon Pk-309 Meadowbrook PA 19046	U	SMYSER, MD, Gereld S 4 Pacer Le Norristown PA 19401	R
NEWMAN JR, MD, Clyde F 301 Lancaster Ave Devon PA 19333	OBG	PETERSON, MD, Arthur L 111 N 49th St Philadelphia PA 19139	P	ROGERS, MD, Jonathan J 2059 Woodland Rd Abington PA 19001	ORS	SCHNEIDER, MD, Chester L 4136 Jackson Dr Latayette PA 19444	P	SNEDDEN, MD, Hal E 27 S Bryn Mawr Ave Bryn Mawr PA 19010	ORS
NEWMAN, MD, Julius 1455 City Line Ave Philadelphia PA 19151	OTO	PEZZI, MD, Pio J Abington Mem Hosp #505 Abington PA 19001	GS	ROJER, MD, Charles L 1245 Highland Av St 306 Abington PA 19001	GS	SCHOFIELD, MD, Richard A Pottstown Med Ctr Pottstown PA 19464	PTH	SNYDER, MD, Henry D 1244 Ft Washington Ave Ft Washington PA 19034	OPH
NICHOLSON, MD, Joseph T Devon Blvd Devon PA 19333	IM	PFISTER, MD, John A 230 Glenmore Rd Gledwyne PA 19035	IM	ROMANZO, MD, George M 500 Willow Ave Ambler PA 19002	FP	SCHOLL, MD, Hervey W 5th & Jefferson St E Greenvl PA 18041	FP	SNYDER, MD, Robert D Sacrad Heart Hosp Norristown PA 19401	IM
NJO, MD, Soen H 511 Kene Dr Meple Glen PA 19002	FP	PIEROTTI, MD, Richard J 484 Maple Ave Box 286 Hertleysville PA 19438	FP	ROMAN, MD, Robert B 505 De Kalb St Bridgeport PA 19405	IM	SCHULTHEIS JR, MD, Carl F 491 Allendale Rd Kng Of Pruss PA 19406	PD	SOKOL, MD, Donald Z 1800 E High St Pottstown PA 19464	OTO
NORTH, MD, Leon L G S B Bldg Bela-Cynwyd PA 19004	P	PIOTROWSKA, MD, Lucy B High St & Firestone Blvd Pottstown PA 19464	AN	RONNERMANN, MD, Drew P 19 Thomas Oaks Dr Pottstown PA 19464	IM	SCHWARTZ, MD, Joel L 630 Twining Rd Drasher PA 19025	P	SOMMERS, MD, Elmo B 100 S Chestnut St Boyertown PA 19512	FP
NORTHROP, MD, Herbert L Stauffer Chemical Co Westport CT 06880	IM	PLUME, MD, Theodore W 3404 Huntingdon Pike Huntingdn Vly PA 19006	FP	RORICK, MD, Nicholas R 1430 Dekalb St Norristown PA 19401	R	SCHWARTZ, MD, Louis W 1000 N Broad St Lansdale PA 19446	OPH	SONG, MD, Steven S Montgomery Hosp Norristown PA 19401	AN
NOWACKI, MD, Stanley M 884 High St Pottstown PA 19464	PD	POLANSKY, MD, John B 352 Easton Rd Glenside PA 19038	FP	ROSAN, DO, Jay R 1955 Audubon Dr Drasher PA 19025	FP	SCHWARTZ, MD, Stephen L 307 Lamplighter Ln Huntingdn Vly PA 19006	P	SOUSER, MD, Roslyn C Bryn Mawr Med Bldg Bryn Mawr PA 19010	PS
NULTY JR, MD, William E 1415 Stoney Circle Gladwyne PA 19035	R	POLSKY, MD, Herry S 801 Country Club Dr Blue Bell PA 19422	GS	ROSENBERG, MD, Philip York & Maplewood Ave Abington PA 19001	FP	SEIDLER, MD, Eleanor E Medford Laas Medford NJ 08055	FP	SPRATT, MD, Robert H 1130 W Church Rd Wyncote PA 19095	PRM
NUTT III, MD, James N 1308 Dekalb St Norristown PA 19401	ORS	POORMAN, MD, S Sturgis 107 E Montgomery Ave Ardmore PA 19003	FP	ROSENFELD, MD, Howerd 690 Baitry Drive Center Sq PA 19422	IM	SEIDNER, MD, Michael R 113 White Oak Rd North Wales PA 19454	FP	STAINBACK, MD, William C Bryn Mawr Med Bldg Bryn Mawr PA 19010	GS
OBRIEN, MD, James J 849 Country Club Dr Blue Bell PA 19422	IM	POPIELARSKI, MD, Joseph T 509 De Kalb St Bridgeport PA 19405	IM	ROSENFELD, MD, Philip A 1245 Highland Ave 502 Abington PA 19001	OTO	SETO, MD, Herbert P 1236 High St Pottstown PA 19464	GS	STAPP, MD, Herriel L 312 King St Pottstown PA 19464	FP
O'CONNELL, MD, Robert L 933 N Chartotte Pottstown PA 19464	FP	POPOLOW, MD, Michael L 826 Brookside Rd Pottstown PA 19464	IM	ROSENTHAL, MD, Ronald S Ste 505 1245 Highland Av Abington PA 19001	U	SHACKLEFORD, MD, Robert W 652 Gulph Rd Wayne PA 19067	FP	STEFFENS, MD, Arnold O 1116 Shew Drive Ft Washington PA 19034	IM
OELS, MD, Helen C 131 Elm Ave Rockledge PA 19111	PTH	POSNER, MD, Joel D Pms Havertord PA 19041	IM	ROSNER, MD, Albert 4242 Cottman Ave Philadelphia PA 19135	FP	SHAFER, MD, Frenk W Po Box 992 Mcshree Hall Norristown PA 19401	PD	STEG, MD, Joseph 491 Allendale Rd Ste 106 Kng Of Pruss PA 19406	P
OLIM, MD, Deve B 1244 F1 Washington Ave Ft Washington PA 19034	D	POWELL, MD, Mery M 931 Havertord Rd Bryn Mawr PA 19010	ORS	ROSS, MD, Merthe E North Penn Hospital Lansdale PA 19446	R	SHAFER, MD, Lionel B 1000 Welsh Rd Ambler PA 19002	FP	STEIGERWALT, MD, John L 1509 Montgomery Ave Rosemont PA 19010	PD
OLSON, MD, Emit W 1413 Marlyns Ln North Wales PA 19454	FP	PRIORI, MD, Jorge Norristown Stete Hosp Norristown PA 19401	P	ROWLAND, MD, Herold A 337 W Lancaster Ave Wayne PA 19067	IM	SHAH, MD, Kantilel J 1420 Wick Ln Norristown PA 19401	FP	STEINMEYER JR, MD, Herry H Bryn Mawr Hosp Bryn Mawr PA 19010	R

STEPANSKY, MD, David W 1960 Hemlock Rd Norristown PA 19403	IM	URBANSKI, MD, Timothy E 500 Willow Ave Ambler PA 19002	IM	WILSON, MD, Frederick S 500 Virginia Dr Ft Washington PA 19034	IM	BHATIA, MD, Shyemsunder Geisinger Med Center Danville PA 17822	D	GARBES, MD, Archimedes D Geisinger Med Ctr Danville PA 17822	PTH
STEPANSKY, MD, William 580 Main St Treppe PA 19426	FP	VAHEDI, MD, Housheng M 1227 Huntingdon Pk Hntgdn Vly PA 19006	IM	WILSON, MD, William W 301 Old Gulph Road Wynnewood PA 19096	P	BISORDI, MD, Joseph E Geisinger Med Ctr Danville PA 17822	IM	GARRETT, MD, John C Geisinger Med Ctr Danville PA 17822	AN
STEVENSON, MD, Richard D 540 Mill Creek Rd Chalfont PA 18914	PD	VANDENNOORT, MD, Gordon 1245 Highland Ave Abington PA 19001	NS	WILTON, MD, Edward A 791 Sandre Le Norristown PA 19403	FP	BLODGETT JR, MD, Randolph C P O Box 7929 Philadelphia PA 19101	IM	GATSKI, MD, Robert L 310 E Market St Danville PA 17821	P
STEWART JR, MD, William G 27 S Bryn Mawr Ave Bryn Mawr PA 19010	ORS	VANDERVEER, MD, Joseph B 106 Bryn Mewr Med Bldg Bryn Mawr PA 19010	IM	WINTER, MD, Fred S Pottstown Mem Med Ctr Pottstown PA 19464	R	BOWES, MD, Donald E Rd 1 Box 205 Danville PA 17821	TS	GHOSH, MD, Tarit K Geisinger Med Center Danville PA 17822	OBG
STEWART, MD, David A 420 Saunders Dr Wayne PA 19087	AN	VANSCOTT, MD, Eugene J 3322 N Broad St Philadelphia PA 19140	D	WITKIN, MD, Evelyn D 2533 Kirk Dr Huntingdon Vly PA 19006	ORS	BREEN, MD, Philip C Geisinger Med Ctr Danville PA 17822	GS	GIBSON, MD, William S Geisinger Medical Center Danville PA 17822	OTO
STEWART, MD, Patricia E Mcneil Pharmaceutical Spring House PA 19477	FP	VARE JR, MD, Victor B 1308 De Kalb St Norristown PA 19401	ORS	WOLF, MD, Melvyn A 802 Bethlehem Pike Ambler PA 19002	OPH	BRILL, MD, David R Geisinger Med Ctr Danville PA 17822	R	GORDNER JR, MD, Jesse W 410 Ferry St Danville PA 17821	FP
STEWART, MD, Paul F 1245 Highland Ave Abington PA 19001	GS	VICK, MD, Edward W 32 Lankenau Med Bldg Philadelphia PA 19151	PD	WOOD, MD, David W 233 E Lancaster Ave Wynnewood PA 19096	PD	BROOKS, MD, Harold W 306 Kent Cir Chestertown MD 21820	PS	GRAMMES, MD, Charles F Geisinger Med Ctr Danville PA 17822	IM
STONE, MD, Robert K 716 Hemlock Rd Medie PA 19063	P	VILLEGAS, MD, Antonio C Pottstown Mem Ctr Pottstown PA 19464	PTH	WOOD, MD, Howard P 169 S Spring Mill Rd Villanova PA 19085	P	BROWN, MD, Frederick G 215 Gearhart St Riverside PA 17868	IM	GREENFIELD, MD, Lawrence S Geisinger Med Ctr Danville PA 17822	IM
STRIAR, MD, Jeffrey H 1401 Dekalb St Ste 001 Norristown PA 19401	N	VOLLMER, MD, Earl S 127 Roberts Ave Glenside PA 19038	IM	WOODRING, MD, Albert J Bryn Mewr Med Bldg Bryn Mewr PA 19010	OTO	BROWN, MD, Harold E Geisinger Med Center Danville PA 17822	U	GREENWOOD, MD, Steven M Geisinger Med Center Danville PA 17822	PTH
STRUMIA, MD, Paul V 1301 Colton Rd Gladwyne PA 19035	PTH	VOSENBERG, MD, Frens J 491 Allendale Rd Kng Of Pruss PA 19406	IM	WOODRUFF JR, MD, D Stretton Bryn Mewr Hosp Bryn Mewr PA 19010	FP	BUCHERT, MD, Walter I Geisinger Med Ctr Danville PA 17822	U	GUTKNECHT, MD, David R Geisinger Med Ctr Danville PA 17822	IM
STUBA, MD, Stelle 1806 Harmon Rd Conshohocken PA 19428	FP	WAGNER, MD, Seymour 500 Off Ctr Mcneel Lebe Ft Washington PA 19034	OTO	WOODRUFF, MD, Friede W 121 Pennswood Rd Bryn Mawr PA 19010	FP	BURNS, MD, J Robert Geisinger Clinic Danville PA 17822	IM	HATLEBERG, MD, Steven L 306 Ave C Riverside PA 17868	US
STURGIS, MD, Samuel B 600 E Cathedral Rd Philadelphia PA 19128	FP	WAGNER, MD, Tibor D 723 Easton Rd Glenside PA 19038	OTO	WRIGHT, MD, Thomas S 1245 Highland Ave Abington PA 19001	P	BUSH, MD, David C Box 128 Washingtonville PA 17884	ORS	HEATH, MD, Robert D Geisinger Med Ctr Danville PA 17822	ORS
SULLIVAN JR, MD, Howard E Bryn Mewr Med Bldg Bryn Mawr PA 19010	IM	WALTZER, MD, Frederick N York And Keith Rds Abington PA 19001	OPH	YANA, MD, David V 7 Kingswood St Riverwoods IL 60015	PTH	CADMAN, MD, Thomas E Geisinger Medical Center Danville PA 17822	PD	HESBACHER, MD, Edwin N 11 W Market St Danville PA 17821	D
SUTLIFF, MD, Frederick P Bryn Mewr Med Bldg 202 Bryn Mawr PA 19010	OPH	WARNER, MD, Francis J 314 Stanbridge Apts Lansdale PA 19448	P	YANG, MD, Un-Teek 828 Creighton Rd Villanova PA 19085	AN	CAHILL, MD, Thomas J Geisinger Med Ctr Danville PA 17822	IM	HILLIKER, MD, Jen K Geisinger Med Ctr Danville PA 17822	OPH
SWAN, MD, Theodore H 1902 Lambert Rd Jenkintown PA 19046	FP	WARREN, MD, Kenneth C 960 County Line Rd Bryn Mewr PA 19010	U	YANITY, MD, Eugene J 247 Meeting House Rd Jenkintown PA 19046	P	CASSIDY, MD, Hervey D Geisinger Med Ctr Danville PA 17822	FP	HINKLE, DO, Richard S Geisinger Med Ctr Danville PA 17821	OBG
SWETERLITSCH, MD, Paul R 1245 Highland Ave Ste301 Abington PA 19001	ORS	WATSON, MD, James G 1405 Powell St Norristown PA 19401	FP	YOST, MD, Robert M 1244 Ft Washington Ave Ft Washington PA 19034	FP	CERA JR, MD, Peter J Geisinger Med Center Danville PA 17822	PTH	HOOD, MD, Henry L Geisinger Med Ctr Danville PA 17822	NS
SYREK, MD, Susan J 349 Diamond Rock Hi Rd Malvern PA 19355	IM	WEBBER, MD, Carol P 1501 Dekalb St Norristown PA 19401	OBG	YOUNG, MD, In Min 885 Renz St Phila PA 19128	FP	CICCARELLI, MD, Lee M 518 Mill St Apt C-6 Danville PA 17821	IM	HOUSTON, MD, John B Geisinger Med Ctr Danville PA 17822	AN
SZETO, MD, Onward 2285 Oakfield Rd Werrington PA 18976	FP	WEED, MD, Allen S 1 Red Rowen Road Plymouth Mtng PA 19462	PD	YUDIS, MD, Melvin 1231 York Rd Abington PA 19001	IM	CLEMENT, MD, John A Geisinger Med Ctr Danville PA 17822	R	HUGHES, MD, Howard G R D 8 Danville PA 17821	FP
TAIT, MD, Edwin C 1324 W Mein St Norristown PA 19401	OPH	WEINER, MD, Herold M 2 Hewthorne Circle Lefayette Hi PA 19444	R	ZAJAC, MD, Barbere A 1200 York Rd Abington PA 19001	IM	COHN, MD, Gerald H Geisinger Med Center Danville PA 17822	N	HUNT, MD, William Box 3529 Las Cruces NM 88003	OBG
TAMAKI, MD, Hitoshi T 1522 Sandy Hill Rd Norristown PA 19401	PTH	WEINER, MD, Jeffery R 1400 York Rd Abington PA 19001	FP	ZAPPITELLI, DO, Micheel J 1520 Northview Blvd Norristown PA 19401	R	COLE, MD, James M Geisinger Med Ctr Danville PA 17822	OTO	IOBST, MD, Joseph I 115 W Market St Danville PA 17821	FP
TANYOL, MD, Hesib 333 Skippack Pk Ft Washington PA 19034	IM	WEINSTOCK, MD, Jerome L 824 Margo Lene Nerberth PA 19072	PD	ZEITLIN, MD, Warren M 933 N Charlotte St Pottstown PA 19464	IM	COLLINS JR, MD, James A Geisinger Med Ctr Danville PA 17822	IM	JEFFREYS, MD, William H Rd 8 Danville PA 17821	N
TEEHAN, MD, Brenden P 130 Lenkeneu Med Bldg Philadelphia PA 19151	IM	WEISS, MD, Allen R 1335 Wentz Dr Ft Washington PA 19034	R	ZELLEY, MD, Lee S 1830 E High St Pottstown PA 19464	OBG	CURRY JR, MD, William O 101 W Market St Danville PA 17821	FP	JOHNS, MD, Barbere A Box 193 Danville PA 17821	FP
THAL, DO, Stephen W 2701 Dekalb Pike Norristown PA 19401	R	WEISS, MD, George H 3023 Dekalb Blvd Norristown PA 19403	FP	ZIMMERMANN, MD, Albert W One Plymouth Mtg 505 Plymouth Mtg PA 19462	OPH	CURTIS, MD, James L Geisinger Med Center Danville PA 17822	OPH	JONAS, MD, Jaroslav G V A Hospital Oteen NC 28805	ORS
THOMPSON, MD, James W 960 Countyline Rd Bryn Mawr PA 19010	U	WELSH, MD, John J 179 Washington Ln Jenkintown PA 19048	OTO	ZUCKER, MD, Eli W 444 N York Rd Helboro PA 19040	FP	DAVIS, MD, Duane E Rd 4 Kaseville Rd Danville PA 17821	IM	JONES JR, MD, Frederick L Geisinger Med Ctr Danville PA 17822	IM
THORNTON III, MD, James J 231 Lenkeneu Med Bldg Philadelphia PA 19151	IM	WELSH, MD, Louis W 179 Washington Le Jenkintown PA 19048	OTO	ZUKOSKI, MD, Joseph T 218 Beech St Pottstown PA 19464	FP	DAVIS, MD, J Mostyn 1801 Walnut St Shamokin PA 17872	FP	KABLER, MD, Ronald L Geisinger Med Ctr Danville PA 17822	U
TINDALL, MD, Dorothy D 1930 Rittenhouse Sq Philadelphia PA 19103	OPH	WENDELL JR, MD, James I 758 High St Pottstown PA 19464	PD			DAVISON, MD, Francis W P O Box 135 Danville PA 17821	OTO	KALLOZ, MD, John R R D 8 Box 98G Woodcreal Gettysburg PA 17325	US
TOBIAS, MD, Gordon L Bryn Mewr Med Bldg Bryn Mawr PA 19010	U	WENDELL, MD, Kathleen K 758 High St Pottstown PA 19464	PD			DEITRICK, MD, John E Geisinger Med Ctr Danville PA 17822	GS	KAPLAN, MD, Sheldon J Geisinger Med Ctr Danville PA 17822	OPH
TOLSCIK, MD, Richard Z 1411 North Line St Lansdale PA 19446	AN	WENNERSTEN, MD, Jeck R 933 N Charlotte St Pottstown PA 19464	FP			DENNEHY, MD, John J Geisinger Med Ctr Danville PA 17822	IM	KEAGY, MD, Blair A 205 Locust Lane Danville PA 17821	TS
TOMPKINS, MD, H Ernest Box 258 Buck Hi Fls PA 18323	R	WERTHER, MD, Norman M 1400 York Rd Abington PA 19001	FP			DICKEY, MD, Robert F Geisinger Med Ctr Danville PA 17822	D	KENNEDY, MD, Thomas L Geisinger Med Ctr Danville PA 17822	OTO
TORNETTA, MD, Frank J 1401 Oakland Blvd Norristown PA 19401	AN	WEST JR, MD, Clifton F 312 Lankenau Med Bldg Philadelphia PA 19151	GS			DOVYDAITIS, MD, Romas Geisinger Med Ctr Danville PA 17822	R	KLINGER, MD, Herry M 4401 Gulf/Mexico Dr #801 Longboat Key FL 33548	GS
TRONCELLITI, MD, Alfred E 1522 Wynnewood Rd Ardmore PA 19003	IM	WEXLIN, MD, Donald J 600 Lewis Rd Ste 113 Kng Of Pruss PA 19406	IM			DRISCOLL JR, MD, Richard H Geisinger Med Ctr Danville PA 17822	IM	KONCHAR, MD, William C Geisinger Med Ctr Danville PA 17822	FP
TRONCELLITI, MD, A Wayne 383 Marple Rd Broomall PA 19008	IM	WHALEN, MD, John J 201 Hewthorne Dr North Wales PA 19454	IM			EKBERG, MD, Norman L Geisinger Med Ctr Danville PA 17822	IM	KOUGH, MD, Robert H Geisinger Med Ctr Danville PA 17822	IM
TRONCELLITI, MD, Edward A 936 County Line Rd Bryn Mawr PA 19010	PD	WHITTAKER, MD, Richard P 1603 E High St Pottstown PA 19464	ORS			ELLISON, MD, Neil M Geisinger Med Ctr Danville PA 17822	IM	KRISHNAN, MD, Geete Rd #6 Danville PA 17821	OPH
TRONCELLITI, MD, Manrico A 1437 De Kalb St Norristown PA 19401	GS	WIKLER, MD, Matthew A 15 W Wood St Norristown PA 19401	IM			EMERY, MD, David R 504 Laura Dr Danville PA 17821	IM	KRISHNAN, MD, Kalyan S Geisinger Med Ctr Danville PA 17822	AN
TRUSCOTT, MD, William R Lansdels Clinic Lansdale PA 19446	FP	WILLIAMS, MD, Barbere J 282 S Spring Gerden St Ambler PA 19002	P			EVANS, MD, James F Geisinger Med Ctr Danville PA 17822	R	LAUBACH JR, MD, Charles A Geisinger Med Ctr Danville PA 17822	IM
TSAL, MD, Yu J 1425 W Mein St Norristown PA 19401	FP	WILLIAMS, MD, R Hellock 629 Menchester Rd Norristown PA 19403	P			EYERLY, MD, Robert C Geisinger Med Ctr Danville PA 17822	GS	LEE, MD, Chong K Geisinger Med Ctr Danville PA 17822	AN
UMAR, MD, Kenan Stats Hosp Norristown PA 19401	P	WILLIAMS, MD, Stephen K 360 Main St-Trappe Collegeville PA 19426	FP			FAVINO, MD, C James Geisinger Med Center Danville PA 17822	R	LEE, MD, Martin L Geisinger Med Ctr Danville PA 17822	IM
URBACH, MD, Frederick 3322 N Broed St Philadelphia PA 19140	D	WILLIHNGANZ, MD, Welter D 2013 Foster Rd Helfeld PA 19440	GS			FOLK, MD, Robert L Rd 5 Box 369 Danville PA 17821	IM	LEICHT, MD, Michael J Geisinger Med Ctr Danville PA 17822	FP
URBAN, MD, Clifford H 140 Nutt Road Phoenixville PA 19460	PTH	WILSON JR, MD, Robert N 829 Old Gulph Rd Bryn Mewr PA 19010	OBG			FUNKHOUSER, MD, George R Geisinger Med Ctr Danville PA 17822	R	LEIPOLD, MD, Robert W R D 7 Danville PA 17821	FP

MONTOUR

LEWINN, MD, Laurence R Geisinger Med Ctr Danville PA 17822	PS	ROYER, MD, Thomas C 112 W Market St Danville PA 17821	GS	BEALER, MD, John D Bethlehem Steel Corp Bethlehem PA 18016	PRM	DEOL, MD, Jasbir S 2209 Lehigh St Easton PA 18042	GS	GOEBEL JR, MD, Henry 230 W Broad St Bethlehem PA 18018	IM
LITTLE, MD, Harry Geisinger Med Center Danville PA 17822	P	SANTINI, MD, Lewis C Geisinger Med Ctr Danville PA 17822	R	BECKER, MD, Martin S 123 S 22nd St Easton PA 18042	OBG	DERASSE, MD, Alain R 4001 Freemansburg Ave Easton PA 18042	IM	GOSZTONYI JR, MD, Rudolph E Tenneco Chemicals Inc Saddle Brook NJ 07682	FP
LONG, MD, Paul R Geisinger Med Ctr Danville PA 17822	D	SCHULLER, MD, Diane E Geisinger Med Center Danville PA 17822	PD	BENZ, MD, Edward J 19 E Elizabeth Ave Bethlehem PA 18018	PTH	DIETRICH, MD, Warren C 701 West Union Blvd Bethlehem PA 18018	OTO	GOZUM, MD, Carmen Z 953 Cumberland St Bethlehem PA 18017	PD
LOPEZ, MD, Ubaldo P Danville State Hsp Bx 120 Danville PA 17821	P	SHAH, MD, Narayan Geisinger Med Ctr Danville PA 17822	IM	BERGER, MD, Jay B 1371 Armstrong Rd Bethlehem PA 18017	IM	DISALVO, MD, Eugene I 2005 Fairview Ave Easton PA 18042	ORS	GRAY, DO, John M 1756 Washington Ave Northampton PA 18067	FP
MAHMUD, MD, Faruq 4 Heather Hills Dr Danville PA 17821	R	SKIENDZIELEWSKI, MD, John J Geisinger Med Center Danville PA 17822	FP	BERGER, MD, Melvin M 35 E Elizabeth Ave Bethlehem PA 18018	OBG	DITMARS, MD, Douglas D 315 S 21st St Easton PA 18042	ORS	GRESS, MD, Francis A 35 E Elizabeth Ave Bethlehem PA 18018	PD
MAKARY, MD, Adel Z Geisinger Med Center Danville PA 17822	IM	SLOCUM, MD, Harold E 306 Maple Ave Danville PA 17821	FP	BIRO JR, MD, Frank 910 Linden St Bethlehem PA 18018	OBG	DOBOSH, MD, George A 1822 W Broad St Bethlehem PA 18018	IM	GROVE JR, MD, Dale A 1545 Broadway Bethlehem PA 18015	FP
MARTIN, MD, J Scott Geisinger Med Ctr Danville PA 17822	NS	SNOVER, MD, Seth W Geisinger Med Ctr Danville PA 17822	IM	BISSET JR, MD, James F 3311 Nazareth Rd Easton PA 18042	OBG	DONAGHUE, MD, George L 2657 Schoenarsville Rd Bethlehem PA 18017	IM	GUZMAN, MD, Jose G 1203 Dalehurst Dr Bethlehem PA 18018	FP
MARTIN, MD, Thomas J 102 E Market St Danville PA 17821	PD	SPAHR, MD, Robert C One Rosewood Ct Danville PA 17821	PD	BLACKBURN JR, MD, Laurence H Beth Steel Corp Bethlehem PA 18018	PRM	DONEKER, MD, Thomas G 35 E Elizabeth Ave Bethlehem PA 18018	AN	HAGGERTY, MD, Sally M 204 E Market St Bethlehem PA 18018	PD
MARTYAK, DO, Gabriel G 302 Maple St Danville PA 17821	EM	SPANGLER, MD, John G Geisinger Med Ctr Danville PA 17822	PD	BOONSWANG, MD, Pricha 2101 Washington Blvd Easton PA 18042	GS	DORVILLE, MD, Fabio L St Lukes Hospital Bethlehem PA 18015	US	HAIN, MD, Howard L 4218 Roxane Blvd V-98 Sarasota FL 33580	PRM
MAY, MD, John J Geisinger Med Ctr Danville PA 17822	IM	SPILSBURY, MD, Paul R Geisinger Med Ctr Danville PA 17822	N	BOYLAN, MD, James J 800 Ostrum St Bethlehem PA 18015	IM	DOTO JR, MD, Joseph B 1821 Nottingham Rd Allentown PA 18103	AN	HAMPSEY, MD, John A 800 Ostrum St Bethlehem PA 18018	GS
MCCORMICK, MD, John V Geisinger Medical Ctr Danville PA 17822	IM	STARKEY, MD, Ralph H Geisinger Med Ctr Danville PA 17822	IM	BRACKBILL, MD, James E Sthampton Est Apt G114 Southampton PA 18966	FP	DREHER, MD, Robert H 12 E W St Po Box 97 Wind Gap PA 18091	FP	HANCE, MD, Boris M 3558 Baldwin Dr Easton PA 18042	US
MCMURRY, MD, Fred G Geisinger Med Ctr Danville PA 17822	NS	SUNDERLIN JR, MD, Frederick S Geisinger Med Ctr Danville PA 17822	IM	BRENNEMAN, MD, Richard E 2522 Ninth St Bethlehem PA 18017	AN	DUANE, MD, Thomas D Bedminster PA 18910	OPH	HANISEK, MD, William F 2061 Fairview Ave Easton PA 18042	IM
MENAPACE JR, MD, Francis J Geisinger Med Ctr Danville PA 17822	IM	SUTTON, MD, Paul L R D 3 Danville PA 17821	PD	BROWN, MD, Sheila 818 N St Elmo St Allentown PA 18104	AN	DY, MD, Victor C Hackeltview Ave Easton PA 18042	GS	HARADA, MD, William A Easton Hosp-Path Div Easton PA 18042	PTH
MILLER, MD, Oliver F Geisinger Med Ctr Danville PA 17822	D	THOMSON, MD, James S Box 158 Orangeville PA 17859	P	BRUMBAUGH, MD, Elmer R 306 W Main St Pen Argyl PA 18072	FP	EATON, MD, David A 800 Ostrum St Bethlehem PA 18015	NS	HARE, MD, Jeffrey D 1139 Lynnhurst Cr Bethlehem PA 18017	PRM
MONSAERT, MD, Ronald P Rd 6 Danville PA 17821	IM	TORRETTI, MD, Dennis Geisinger Med Ctr Danville PA 17822	IM	BUDURA, MD, Paul 801 W Broad St Bethlehem PA 18018	FP	ECHENBERG, MD, Robert J 800 Ostrum St Bethlehem PA 18015	OBG	HARLAN, MD, William K 2529 Northampton St Easton PA 18042	IM
MORAN, MD, John J Geisinger Med Center Danville PA 17822	PTH	TUREL, MD, Anthony P Geisinger Med Center Danville PA 17822	N	BURGER, MD, Theodore P 2431 Easton Ave Bethlehem PA 18017	FP	EICHLER, MD, George R 35 E Elizabeth Ave Bethlehem PA 18018	ORS	HARPER, MD, James G 509 Paxnessa Rd East Easton PA 18042	U
MORRISON, MD, Samuel S Geisinger Med Ctr Danville PA 17822	PD	VARANO, MD, Vincent J Geisinger Med Ctr Danville PA 17822	IM	BURKLEY 3RD, MD, Louis F 301 S 22nd St Easton PA 18042	OBG	ELDER, MD, E Glenn 2205 Lehigh St Easton PA 18042	FP	HAYTMANEK, MD, Craig T 735 Delaware Ave Bethlehem PA 18015	OTO
MOWAD, MD, Joseph J Geisinger Med Ctr Danville PA 17822	U	VIOZZI, MD, Francis J Geisinger Med Center Danville PA 17822	IM	BURKLEY, MD, Louis F 452 Berwick St Easton PA 18042	OBG	EMERY, MD, Robert C 2003 Fairview Ave Easton PA 18042	IM	HEIMBACH, MD, George Z 1401 N 40th St Allentown PA 18104	R
NAGY, MD, Robert Geisinger Med Ctr Danville PA 17822	D	VRABEC, MD, Donald P Geisinger Med Ctr Danville PA 17822	OTO	BYRNE, MD, James E 65 E Elizabeth Ave #215 Bethlehem PA 18018	OS	EPISCOPIO, MD, Joseph V 2912 Kenwick Dr Bethlehem PA 18017	OPH	HEMMERLY, MD, William C 1900 Easton Ave Bethlehem PA 18017	FP
NATIVIDAD, MD, Nita C Geisinger Med Ctr Danville PA 17822	R	WALKER, MD, Robert L Geisinger Med Ctr Danville PA 17822	OBG	CAPOBIANCO, MD, Frank M 4705 Henry St Easton PA 18042	FP	ERWIN, MD, Henry K 555 Spring St #401 Bethlehem PA 18018	GS	HERMAN, MD, Richard D St Lukes Hospital Bethlehem PA 18015	R
NOTZ, MD, Robert G Geisinger Med Ctr Danville PA 17822	OPH	WEADER, MD, Josepha Box 274 Rd 4 Danville PA 17821	PD	CAPRIOTTI, DO, Philip E 1505 Dartmouth Dr Bethlehem PA 18017	FP	ESPINOSA, MD, Manuel H 2101 Washington Blvd Easton PA 18042	FP	HERMAN, MD, Roman K 533 6th Ave Bethlehem PA 18018	TS
OBERKIRCHER, MD, Oscar R Geisinger Med Ctr Danville PA 17822	PD	WILKINSON, MD, David M Geisinger Med Ctr Danville PA 17822	R	CARUNO, DO, John W R D 1 Box 198 B Riegelsville PA 18077	FP	FARACE, MD, Joseph L 41h St And Pa Ave Bangor PA 18013	P	HESS, MD, Floyd M 28 S First St Bangor PA 18013	FP
ONG, MD, George P Geisinger Med Ctr Danville PA 17822	D	WILLIAMS, MD, John L Geisinger Med Ctr Danville PA 17822	R	CASSELBERRY, MD, E Josephine 920 Prospect Ave Bethlehem PA 18018	PD	FAVAZZA, MD, Frank W 410 Wedgewood Dr Easton PA 18042	IM	HILL JR, MD, Robert G 504 Greenwood Ave Bethlehem PA 18017	US
OROURKE, MD, John N 801 Ave H Riverside PA 17868	IM	WOLFANG, MD, Gary L Geisinger Med Center Danville PA 17822	ORS	CAVALLARO, MD, Salvatore E 1416 Monlague Ave Vienna VA 22180	GS	FEINBERG, MD, David H 2100 Lehigh Easton PA 18042	FP	HOBART, MD, John H 2001 Fairview Ave Easton PA 18042	U
OROURKE, MD, Terence L 209 W Market St Danville PA 17821	R	ZIMMER, MD, Frederick E Geisinger Medical Center Danville PA 17822	IM	CHARNOCK, MD, Maurice P 225 Gatewood Cir Athens GA 30601	US	FILIFEK, MD, Walter J 737 Easton Rd Hellertown PA 18055	PTH	HOCH, MD, John J 50 Green St Nazareth PA 18064	FP
PAGES, MD, Fernando 1921 S W 18th Ave Miami FL 33145	FP	NORTHAMPTON		CLARKE, MD, Frederick T 201 S Greenwood Ave Easton PA 18042	IM	FISHER JR, MD, Joseph W 19 E Elizabeth Ave Bethlehem PA 18018	IM	HOFFMAN, MD, Gilbert M 401 Spring St Bethlehem PA 18018	IM
PARENTI, MD, John M Rd #5 Box 245 Danville PA 17821	ORS	ABAD, MD, Raul M 175 S 21st St Easton PA 18042	NS	COCHRAN, MD, James F 22nd And Fairview Easton PA 18042	OPH	FISHER, MD, Luther I 555 Spring St Bethlehem PA 18018	IM	HOFFMAN, MD, John E 788 Brynmore Lane Bethlehem PA 18017	IM
PATEL, MD, Bakulesh D Geisinger Med Ctr Danville PA 17822	PD	AKSU, MD, Ahmel 1406 Eaton Ave Bethlehem PA 18018	AN	COHEN, MD, Merton E 2025 Fairview Ave Easton PA 18042	PD	FLOR, MD, Frank S 35 E Elizabeth Ave Bethlehem PA 18018	OBG	HOWE, MD, J Dale 3060 Artemis Cir Bethlehem PA 18017	ORS
PATEL, MD, Harshadrai C 5 Park Ave Danville PA 17821	AN	ANDERSON, MD, John R 800 Ostrum St Ste 101 Bethlehem PA 18015	U	COLASANTE, MD, Anthony D 1404 Fairmount St Bethlehem PA 18017	OBG	FOLLMER, MD, Don C 1245 Beverly Ave Bethlehem PA 18018	FP	HUNSICKER, MD, Robert C 65 E Elizabeth Ave 311 Bethlehem PA 18018	OTO
PIERCE, MD, James C Geisinger Med Ctr Danville PA 17822	GS	APFELBAUM, MD, Jay H St Lukes Hospital Bethlehem PA 18015	AN	COLE, MD, Jack E 85 E Elizabeth Ave Bethlehem PA 18018	FP	FRAUNFELDER, MD, John A 141 S Broad St Nazareth PA 18064	R	HYMAN, MD, David S 2657 Schoenersville Rd Bethlehem PA 18017	OPH
PLOTKIN, MD, Gary R Trover Clinic Madisonville KY 42431	IM	AUCH, MD, Ellis M 341 Crescent Dr Easton PA 18042	FP	COLEMAN, MD, Donald K 1225 S Ocean Blvd Delray Beach FL 33444	N	FRIEDENBERG, MD, Steven S St Luke's Hosp Dept Rad Bethlehem PA 18015	GS	JACOBUS, MD, Henry F 21st St-Fairview Ave Easton PA 18042	OPH
PYTKO, MD, Valenline F Geisinger Med Ctr Danville PA 17822	IM	BACAK, MD, Joseph F 800 Ostrum St Bethlehem PA 18017	IM	COLLINS, MD, Haydn B 812 Greenwood Ave Easton PA 18042	P	FRIEDMAN, MD, Jerald N 2531 Northampton St Easton PA 18042	GS	JAHRE, MD, Jeffrey A 801 Ostrum St Bethlehem PA 18015	IM
QUICKEL JR, MD, Kenneth E Geisinger Med Ctr Danville PA 17822	IM	BALAGON, MD, Linda D Allentown State Hosp Allentown PA 18103	OBG	COSTANZA, MD, Agatha H 19 N 14th St Easton PA 18042	PD	GADBOIS, MD, William F 800 Ostrum St Ste 101 Bethlehem PA 18015	U	JOHNSON, MD, Wm G Easton Hosp Easton PA 18042	R
REAMS, MD, Carl L Geisinger Med Center Danville PA 17822	OTO	BALSHI, MD, Stephen F 1509 Easton Ave Bethlehem PA 18017	OTO	CURRY, MD, Joseph L 3501 Chain Dam Rd Easton PA 18042	R	GAULIN, MD, J Claude 324 Pierce St Easton PA 18042	PTH	JOHNSON, MD, William T 1989 Miller Ave Emmaus PA 18049	AN
REDENBAUGH, MD, James E Geisinger Med Ctr Danville PA 17822	N	BARCKLEY, MD, Thomas W 801 Menendez St Venice FL 33595	OBG	DAGOSTINO, MD, Frank J 100 S Greenwood Ave Easton PA 18042	IM	GAYDOS, MD, Thomas L 800 Ostrum St Bethlehem PA 18015	OBG	JOSEPH, MD, George M R D 2 Easton PA 18042	IM
RIXEY, MD, Charlea O Geisinger Med Ctr Danville PA 17822	OPH	BARR, MD, Gavin C 2657 Schoenersville Rd Bethlehem PA 18017	IM	DALE JR, MD, Hiram T St Lukes Hosp Card Unit Bethlehem PA 18015	IM	GERONIMO, MD, Lauro S 430 W Bridle Path Rd Bethlehem PA 18017	PD	KAKAIYA, MD, Dilipkumar H 2040 Lehigh St Easton PA 18042	GS
RODRIGUEZ, MD, Dolores E Geisinger Med Ctr Danville PA 17822	N	BARRETT, MD, George S 2001 Fairview Ave Easton PA 18042	U	DEIBERT, MD, Edward B 1406 Main St Hellertown PA 18055	FP	GHATAK, MD, Parimal K 20 E Center St Wind Gap PA 18091	IM	KANDULA, MD, Ravindra R 3548 Baldwin Dr Easton PA 18042	FP
ROSE, MD, John F Geisinger Med Ctr Danville PA 17822	U	BARTOLET, MD, Terry L 315 South 21st St Easton PA 18042	ORS	DEILY, MD, Raymond E 942 Seventh Ave Bethlehem PA 18018	FP	GIAMBER, MD, Samuel R St Lukes Hosp Bethlehem PA 18015	IM	KARA, MD, Aoun B 800 Ostrum St Bethlehem PA 18015	IM
ROTHERMEL, MD, Franklin J 407 Locust Lane Danville PA 17821	R	BARTOS, MD, Joseph E 933 Linden St Bethlehem PA 18018	FP	DEMARCO, MD, Salvatore G 344 Bushkill St Easton PA 18042	FP	GILLEN, MD, George P St Lukes Hospital Bethlehem PA 18015	R	KASPAR, MD, Albert J 2003 Fairview Ave Easton PA 18042	IM

KAUFMANN, MD, Bruce M	OBG	MARGIE JR, MD, Walter E	IM	PRELETZ, MD, Rudolph J	GS	SKUTCHES, MD, Joseph M	OBG	VISPERAS, MD, Emilia P	OBG
800 Oatrum St		35 E Elizabeth Ave		800 Oatrum St		830 Ostrum St		2710 Schoenersville Rd	
Bethlehem PA 18015		Bethlehem PA 18018		Bethlehem PA 18015		Bethlehem PA 18015		Bethlehem PA 18017	
KESSLER, MD, Frank J	FP	MARHEFKA JR, MD, Joseph C	OTO	PRESTIFILIPPO, MD, Orazio	OBG	SMITH, MD, Donald H	GS	VOGLER JR, MD, Wilfred E	FP
32 S Broad St		21st And Fairview Ave		R D 2 Box 247B		2209 Lehigh St		2431 Easton Ave	
Nazareth PA 18064		Easton PA 18042		Easton PA 18042		Easton PA 18042		Bethlehem PA 18017	
KIEHL, MD, Paul V	GS	MATUS, MD, Nancy R	D	PUNDIAK, MD, Terry J	IM	SMITH SR, MD, George S	OS	WALDEN, MD, Thomas B	U
14303 Citation		2061 Fairview Ave		3321 Sherwood Rd		818 Berwick St		2001 Fairview Ave	
San Antonio TX 78248		Easton PA 18042		Easton PA 18042		Easton PA 18042		Easton PA 18041	
KIM, MD, Doo T	AN	MCANDREW, MD, Francia J	FP	QUILLO, MD, Lino S	PTH	SMYTH, MD, Lawrence T	PRM	WALKER, MD, Stanley R	IM
Easton Hoag		24 W 4th St		4290 Vasas Ave		Bethlehem Steel Corp		21st & Fairview Aves	
Easton PA 18042		Bethlehem PA 18015		Bethlehem PA 18017		Bethlehem PA 18018		Easton PA 18042	
KIM, MD, Ih C	PD	MCCOY JR, MD, George W	FP	QUINEY JR, MD, James J	FP	SNYDER JR, MD, Charles F	ORS	WALTMAN, MD, Charles A	GS
8 Ivy Court		3103 Farmborough Ct		104 Pa Ave		701 W Union Blvd		2007 Washington Blvd	
Easton PA 18042		Silver Spring MD 20906		Easton PA 18042		Bethlehem PA 18018		Easton PA 18042	
KINTZER JR, MD, John S	IM	MCEVOY, MD, Robert F	IM	QUINN, MD, Donn R	IM	SNYDER, MD, John M	TS	WANG, MD, Chee-Kung	AN
35 E Elizabeth Ave		1351 Verons Dr		112 E Wayne Ave		139 E Merkel St		Easton Hospital	
Bethlehem PA 18018		Pen Argyl PA 18072		Easton PA 18042		Bethlehem PA 18018		Easton PA 18042	
KITEI, MD, William J	OPH	MCMAHON JR, MD, Joseph F	ORS	RAZURI, MD, Ralsel G	GS	SNYDER, MD, Robert L	FP	WARD, MD, Frederick W	IM
85 E Elizabeth Ave		2005 Fairview Ave		105 East 34th Street		101 E Center St		2061 Fairview Ave	
Bethlehem PA 18018		Easton PA 18042		Savannah GA 31401		Nazareth PA 18064		Easton PA 18042	
KNOLL, MD, George M	D	MCNELLIS, MD, Donald R	U	REESE JR, MD, Evan C	ORS	SOMASUNDARAM, MD, Anssuya	OBG	WARD, MD, Thomas A	ORS
Star Route Box 174		331 Elm Dr		2005 Fairview Ave		2439 Center St		800 Ostrum St	
Tafton PA 18484		Nazareth PA 18064		Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18015	
KORHAMMER, MD, Alan F	OBG	MEROLA, MD, Joseph C	OBG	REFOVICH, MD, Richard S	D	SPARTA, MD, Anthony J	FP	WARREN, MD, Jonathan	IM
301 S 22nd St		250 E Macade Rd		85 E Elizabeth Ave		803 D George St		77 N 2nd St	
Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18018		Easton PA 18042		Easton PA 18042	
KOSHAR, MD, Mark I	IM	MILES, DO, G Bruce	FP	REGAN, MD, James R	IM	SPOLL, DO, Edward A	FP	WEBER, MD, William C	OTO
1810 Washington Blvd		1901 Fairview Ave		3222 Green Meadow Dr		229 S 22nd St		Lafayette Twns Ste 127	
Easton PA 18042		Easton PA 18042		Bethlehem PA 18017		Easton PA 18042		Easton PA 18042	
KOVACS, MD, Robert J	IM	MILLER, MD, Warren A	FP	REGANIS, MD, John C	GS	STABILE, MD, Jerome G	TS	WEIDNER, MD, Calvin C	FP
211 Valley Park S		1220 Broadway		2100 Lehigh St		2200 Northampton St		3629 Stalor Dr	
Bethlehem PA 18018		Bethlehem PA 18015		Easton PA 18042		Easton PA 18042		Bethlehem PA 18017	
KOVAR, MD, Charles E	OBG	MIRBACH, MD, Sidney H	FP	RELKIN, MD, Richard	IM	STACKHOUSE, MD, Duane E	FP	WEINTRAUB, MD, Sydney E	US
301 S 22nd St		85 E Elizabeth Ave		403 Paxino Rd E		Lehigh Univ Health Ctr		5th & Wash Sts Nthamp Ct	
Easton PA 18042		Bethlehem PA 18018		Easton PA 18042		Bethlehem PA 18015		Easton PA 18042	
KOZICKY, MD, Peter W	ORS	MORALES, MD, Gladys D	IM	REPPERT, MD, William D	IM	STANCOMBE, MD, Wesley R	FP	WEMPLER, MD, Jen B	NS
821 Delaware Ave		800 Oatrum St		St Lukes Hoag		335 Broadway		800 Oatrum St	
Bethlehem PA 18015		Bethlehem PA 18015		Bethlehem PA 18015		Bangor PA 18013		Bethlehem PA 18015	
KOZINN, MD, Wesley P	IM	MORGAN, MD, Russell E	GS	RICHARDS, MD, Donald C	US	STAUFFER, MD, Stanley S	AN	WENG, MD, Sam S	IM
929 Powder Mill Rd		820 N Biahophorpe St		1140 S W 22nd Ave		800 Ostrum St		35 E Elizabeth Ave	
Bethlehem PA 18017		Bethlehem PA 18015		Delray Bch FL 33445		Bethlehem PA 18015		Bethlehem PA 18018	
KRAM, DO, Barry W	IM	MORGAN, MD, William F	P	ROBINSON, MD, Joseph P	PRM	STEIN, MD, Richard N	PD	WERLEY, MD, Charles W	R
1969 S Hill St		151 E Market St		533 8th Ave		701 N New St		35 E Elizabeth Ave	
Allentown PA 18103		Bethlehem PA 18018		Bethlehem PA 18018		Bethlehem PA 18018		Bethlehem PA 18018	
KRAMER, MD, Kenneth	R	MOSCATO, MD, Anthony F	IM	ROGERS, MD, John F	P	STEIN, MD, Robert S	FP	WERLEY, MD, John D	R
158 Shawnee Ave		114 E Wayne Ave		35 E Elizabeth Ave		Lafayette Coll Health Ct		Easton Hoag	
Easton PA 18042		Easton PA 18042		Bethlehem PA 18018		Easton PA 18042		Easton PA 18042	
KRAUSZ, MD, Kathryn J	IM	MOYER, MD, Glenn E	OPH	ROWSHAN, MD, Ghodrastollah	PD	STEIN, MD, Stanley I	PD	WHILDIN, MD, James G	R
940 W Lafayette St		Firelane Farm Rd 3		278 E Macada Rd		701 N New St		35 E Elizabeth Ave	
Easton PA 18042		Bethlehem PA 18015		Bethlehem PA 18017		Bethlehem PA 18018		Bethlehem PA 18018	
KRIEGER, MD, Harry L	FP	MUNSON, MD, Frederick J	R	RUCH, MD, Carl R	FP	STEINBOOK, MD, Melvin	U	WHITAKER, MD, Paul J	PRM
1858 Ferry St		920 Prospect Ave		Lehigh Univ Bldg 36		2506 Garden Court		7227 Via De Le Montana	
Easton PA 18042		Bethlehem PA 18018		Bethlehem PA 18015		Bethlehem PA 18017		Scottsdale AZ 85258	
KUBEK, MD, John A	FP	MURRAY, MD, Stephen R	OBG	RYAN, MD, John J	IM	STRAVINO, MD, Vincent D	PM	WHITMAN, MD, Mark A	PD
901 E 4th St		3311 Nazareth Rd		Rd 1 Box 244		St Lukes Hosp		180 Woodcree La	
Bethlehem PA 18015		Easton PA 18042		Center Vly PA 18034		Bethlehem PA 18015		Doylestown PA 18901	
KUNG, MD, Luke C	IM	NABATI, MD, Imail	GS	SALCEDO, MD, Willredo G	PTH	STREUBERT, MD, George E	R	WILDRICK, MD, Kenneth H	IM
2832 Nazareth Rd		2849 Schoenersville Rd		Easton Hosp		801 Ostrum St		80 Blenheim Dr	
Easton PA 18042		Bethlehem PA 18017		Easton PA 18042		Bethlehem PA 18015		Easton PA 18042	
KUTY, MD, Eugene J	FP	NADEAU, MD, Gerald H	FP	SALGADO, MD, Edward M	PS	STRUNK, MD, William M	R	WILLIAMS, MD, Thomas L	OS
422 Wyndolite St		302 Aah Lane		800 Ostrum St Ste203		St Lukes Hosp		85 E Elizabeth Ave 309	
Bethlehem PA 18015		Riegelville PA 18077		Bethlehem PA 18015		Bethlehem PA 18015		Bethlehem PA 18018	
LAUB, MD, Irene F	IM	NAJMI, MD, Moosa	IM	SALLASH JR, MD, Robert J	OBG	STUTZMAN, DO, Douglas R	IM	WING, MD, Raymond	IM
64 N 4th St		2003 Fairview		830 Oatrum St		3527 Hecktown Rd		Fairview Ave-21st St	
Easton PA 18042		Easton PA 18042		Bethlehem PA 18015		Bethlehem PA 18017		Easton PA 18042	
LAUBACH, MD, George B	FP	NORRIS, MD, Joseph A	IM	SAMENT, MD, Sidney	N	SWETERLITSCHE, MD, Louis H	OPH	WINKLER JR, MD, Louis H	IM
1848 Freemanburg Ave		2909 Liberty St		2040 Lehigh St		11 W Langhorne Ave		1741 Cloverfield St	
Easton PA 18042		Easton PA 18042		Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18017	
LEAVITT, MD, Herbert M	D	OJERS, MD, Gaylord W	OPH	SAUER, MD, Thomas S	ORS	TACHOVSKY, MD, Thomas J	GS	WISEMAN, DO, Douglas C	IM
2061 Fairview Ave		35 E Elizabeth St		3591 Stalor Dr		800 Ostrum St		35 E Elizabeth Ave	
Easton PA 18042		Bethlehem PA 18018		Bethlehem PA 18017		Bethlehem PA 18015		Bethlehem PA 18018	
LEE, MD, H C	PD	OLEWILER JR, MD, H Newton	IM	SAUNDERS, MD, Charles D	U	THOMPSON, MD, C Fred	GS	WOLF, MD, Stewart G	IM
1825 Northampton St		1010 W Macada Rd		800 Oatrum St		1120 Main St		801 Ostrum St	
Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18015		Hellertown PA 18055		Bethlehem PA 18015	
LEE, MD, Sang T	OTO	OLIVER, MD, John G	FP	SCHADT, MD, Daniel C	IM	THOMPSON, MD, Frank V	FP	YEAW, MD, Scott C	U
2100 Lehigh St		527 Pennsylvania Ave		85 E Elizabeth Ave		49 E Center St		2001 Fairview Ave	
Easton PA 18042		Pen Argyl PA 18072		Bethlehem PA 18018		Nazareth PA 18064		Easton PA 18042	
LENNERT, MD, Joseph B	U	ORR JR, MD, Ross M	GS	SCHENKEL, MD, Eric J	IM	TRAMUTA, MD, Anthony V	IM	YU, MD, Paul T	AN
35 E Elizabeth Ave		744 Oatrum St		Park Dr Manor Apt A1212		7038 Nocturne Rd		Easton Hoag	
Bethlehem PA 18018		Bethlehem PA 18015		Philadelphia PA 19144		Reynoldsburg OH 43068		Easton PA 18042	
LENTZ, MD, Conrad L	D	ORSI, MD, James M	AN	SCHNITZLER, MD, Joseph	FP	TRAUPMAN, MD, Arnold F	OPH	ZUG 3RD, MD, Charles K	GS
35 E Elizabeth Ave		35 E Elizabeth Ave		701 W Union Blvd		85 E Elizabeth Ave-420		801 Ostrum St	
Bethlehem PA 18018		Bethlehem PA 18018		Bethlehem PA 18018		Bethlehem PA 18018		Bethlehem PA 18015	
LEONCIO, MD, Jose D	IM	PALAO, MD, Manuel C	TS	SCHOEPPNER, MD, Eric	IM	TRINKLE, MD, Wilmer S	AN	ZULICK JR, MD, Thomas C	GS
Portsmouth Gen Hosp		2200 Northampton St		1348 Northampton St		35 E Elizabeth Ave		318 Broadhead St	
Portsmouth VA 23704		Easton PA 18042		Easton PA 18042		Bethlehem PA 18018		Easton PA 18042	
LESSE, MD, S Michael	P	PALMER, MD, U Grant	FP	SCHRAMM, MD, Frank E	OBG	TUREL, MD, Stanley E	FP		
Stevens & Jewel Sts		2857 Nazareth Rd		35 E Elizabeth Ave		824 High St		NORTHUMBERLAND	
Easton PA 18042		Easton PA 18042		Bethlehem PA 18018		Bethlehem PA 18018		ALLEN, MD, Robert E	FP
LIBERTA, MD, Thomas R	IM	PARRY, MD, Rhinard D	PD	SCHUESSLER, MD, Paul W	IM	TURNER, MD, Keith S	IM	38 W 3rd St	
25 N 18th St		312 Spring Garden St		817 S 24th St		800 Ostrum St		Mount Carmel PA 17851	
Easton PA 18042		Easton PA 18042		Easton PA 18042		Bethlehem PA 18015		BODMER, MD, Mersl O	FP
LIGHT, MD, Harry G	GS	PATRICK, MD, Michael A	IM	SEIDEL, MD, Horace Y	IM	TURTZO, MD, Douglas F	IM	100 N Market St	
85 E Elizabeth Ave		1528 Shelbourne Dr		Memorial Hoag		528 W Moorestown Rd		Selingsgrove PA 17870	
Bethlehem PA 18018		Bethlehem PA 18018		Hollywood FL 33021		Nazareth PA 18064		BOGNER, MD, Edward W	FP
LOW, MD, Thomas H	OPH	PAUL, MD, Franklin A	GS	SERFAS, MD, Lee S	GS	TYLER, MD, George	GS	105 Queen	
Pinnacle Port Ph 27		1474 Colgate Dr		80 Gordon Dr		35 E Elizabeth Ave		Northumberland PA 17857	
Panama City Beach FL 32407		Bethlehem PA 18017		Easton PA 18042		Bethlehem PA 18018		BROSCIUS, MD, Benjamin M	FP
LUDIVICO, MD, Charles L	IM	PEARSON, MD, Frederick J	OBG	SHARMA, MD, Om P	IM	UPDEGROVE, MD, John H	GS	24 N 8th St	
800 Ostrum St Ste 302		Bethlehem PA 18015		903 E George St		2209 Lehigh St		Shamokin PA 17872	
Bethlehem PA 18015		Bethlehem PA 18015		Easton PA 18042		Easton PA 18042		CHRISTMAN, MD, Willisrd W	PTH
LUKASZCZYK, MD, Thomas A	PTH	PETERS, MD, Walter K	IM	SHELLY, MD, Walter M	TS	URANKAR, MD, Nancy A	IM	Community Hoag	
19 E Elizabeth Ave		724 Barrymore Lane		Box 817 Beverly Hill Rd		Rd #3 Box 721		Sunbury PA 17801	
Bethlehem PA 18018		Bethlehem PA 18017		Coopersburg PA 18036		Coopersburg PA 18036		CICCHIELLO, MD, James R	FP
LYCHAK, MD, John C	P	PETRUCCELLI, MD, Nicholas D	FP	SHIELDS, MD, Ralph K	IM	UZOARU, MD, Charles O	OBG	1450 Chestnut St	
35 E Elizabeth Ave		313 S Walnut St		85 E Elizabeth Ave		1787 Chester Rd #5		Kulpmont PA 17834	
Bethlehem PA 18018		Beth PA 18014		Bethlehem PA 18018		Bethlehem PA 18017		CORDAS, DO, Michael	FP
MAISEL, MD, Wilfred	AN	PLANO, DO, Vincent F	OBG	SHIELDS, MD, Ralph L	IM	VASILY, MD, David B	D	P O Box 179	
Anes Optl Easton Hoag		301 S 22nd St		880 Laurel Dr		2849 Schoenersville Rd		Selingsgrove PA 17870	
Easton PA 18042		Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18017		DALLABRIDA, MD, Marguerite R	OBG
MAISH JR, MD, George O	GS	POLINER, MD, Hime S	GS	SILBERMAN, MD, Robert M	IM	VERBRUGGEN, MD, Hugo C	ORS	21st East Ave	
35 E Elizabeth Ave		124 N 4th St		1725 Northampton St		21st & Lehigh Sts		Mount Carmel PA 17851	
Bethlehem PA 18018		Easton PA 18042		Easton PA 18042		Easton PA 18042		DEITRICK JR, MD, George A	GS
MAKHDOMI, MD, A Rashid	IM	POMPONIO, MD, Joseph G	FP	SILVERMAN, MD, William H	FP	VERSAGE, MD, Joseph L	FP	28 N 3rd St	
2100 Lehigh St		798 Barrymore Lane		704 E 4th St		113 Main St		Sunbury PA 17801	
Easton PA 18042		Bethlehem PA 18017		Bethlehem PA 18015		Stockertown PA 18083			

DELCASTILLO, MD, Juan J 825 Packer St Sunbury PA 17801	TS	SCHRECK, MD, Fred M 911 N 5th St Sunbury PA 17801	FP	ADELMAN, MD, Frederick P 80 E Township Rd Elkins Park PA 19117	IM	ANDROS, MD, George J 1025 Walnut St Philadelphia PA 19107	OBG	AYERLE, MD, Robert S Scott Paper Co Plaza 1 Philadelphia PA 19133	PRM
DELGADO, MD, Juan F 142 Market St Sunbury PA 17801	OBG	SCICCHITANO, MD, David C 15 East Ave Mt Carmel PA 17851	IM	ADLER, MD, Alan G Thomae Jefferson Hoop Philadelphia PA 19107	IM	ANDRUCZYK, DO, Eugene 38 Neahaminy Dr Ivlyland PA 18974	OBG	AZAR, MD, Reza R 59 W State St Doylestown PA 18901	AN
DEVINE, MD, Jean K 600 Gawnin Rd Plymouth Meeting PA 19482	PD	SINGH, MD, Gurdial N 5 W Arch Shamokin PA 17872	P	ADLER, MD, Francis H 6870 Towanda St Philadelphia PA 19118	OPH	ANGERT, DO, Marjorie A 304 Twin Oaks Havertown PA 19083	OBG	AZARVA, MD, Harvey L 921 Weal Cheltenham Ave Melroee Park PA 19128	IM
DIMILIER, MD, Iamail 1072 Market Street Sunbury PA 17801	GS	SINGZON, MD, Jaime M 330 N 12th St Sunbury PA 17801	IM	ADLER, MD, Richard 814 N 23rd St Philadelphia PA 19130	IM	ANGLES, MD, Carmen Moas Rehab Hospital Philadelphia PA 19141	PM	BACHARACH, MD, Benjamin 111 S 11th St Ste 8255 Philadelphia PA 19107	GS
FLANAGAN, MD, John V 220 N Shamokin St Shamokin PA 17872	OPH	SPOCK, MD, Nicholas 300 Shemokin St Shamokin PA 17872	FP	ADLIN, MD, Albert 1512 Lindley Ave Philadelphia PA 19141	IM	ANNON JR, MD, Walter T Amb Care Ctr Sta 105 Philadelphia PA 19114	GS	BACKUP, MD, Clifford E Frienda Hoap Philadelphia PA 19124	P
GABALA, MD, John M State Sch & Hoap Selinsgrove PA 17870	FP	STIEF, MD, Micheel J 127 E 5th St Mount Carmel PA 17651	FP	ADONI, MD, Leon 8302 Old York Rd Elkins Pk PA 19117	D	ANO, MD, Antonio C 8831 Montgomery Ave Philadelphia PA 19118	AN	BAER, MD, George 1 Montgomery Ave Apt 114 Bala Cynwyd PA 19004	FP
GAZDER, MD, Aftab A Sunbury Comm Hoap Sunbury PA 17801	AN	TILVA, MD, Pratul K Sunbury Comm Hoap Sunbury PA 17801	R	AGERTY, MD, Horat A 420 Township Line Rd Havertown PA 19083	PD	ANOLIK, MD, Mitchell A 1801 Walnut St Philadelphia PA 19103	D	BAER, MD, Samuel 5123 N Broad St Philadelphia PA 19141	IM
GEHRIS, MD, James C 833 W Chestnut St Shamokin PA 17872	FP	TWIGGAR II, MD, Edward V Shamokin State Gen Hoap Shamokin PA 17872	GS	AGRO, MD, Angelo S 107 Wilshire Ave Deptford NJ 08098	OTO	ANSEL, MD, David G 2 Bartram Ct Moorestown NJ 08057	OTO	BAIL, MD, Harry 8915 Oakland St Philadelphia PA 19140	FP
GENNARIA, MD, C Reed Sunbury And Market Sta Shamokin PA 17872	FP	VASTINE, MD, John R 109 Salamanca Court Solono Beech CA 92075	IM	AHDIEH, MD, Jalal 700 Braeburn Lane Penn Vly PA 19072	AN	ANTENSON, MD, Charles M 1919 Chestnut St #1124 Philadelphia PA 19103	FP	BAIRD, MD, James W 105 Forest Glen Highland Park NJ 08904	IM
GIBBS, MD, Winfield S Sunbury Comm Hoap Sunbury PA 17801	R	WEADER, MD, William M 107 Susquehanna Ave Selinsgrove PA 17870	FP	AHLFELDT, MD, Florence E 1918 Spruce St Philadelphia PA 19103	IM	ANTONIADES, MD, John 280 St Joseph Way Philadelphia PA 19106	R	BAJINA, MD, Sham R 2200 Franklin Pky E 1501 Philadelphia PA 19130	GS
GRECO, MD, Joseph F 300 S Hickory St Mount Carmel PA 17651	FP	WEE, MD, Choong Y 119 S 4th St Sunbury PA 17801	OBG	AKROUT, MD, Helehd 415 Garden State Dr Charry Hill NJ 08034	PRM	APOSTOLIDIS, MD, Panayotia 768 Robinhood Rd Rosemont PA 19010	OBG	BAKER, MD, Howard W 10B Shadow Dr Whiapering Pinee NC 28327	US
GRUBB, MD, Robert A 802 Broad St Pennald Apt Selinsgrove PA 17670	FP	WELLER, MD, Carl A Box E Hummels Wharf PA 17831	FP	ALBERICO, MD, Anthony M 5245 Oxford Ave Rm SC Philadelphia PA 19124	IM	APPEL, MD, John W 111 N 49th St Philadelphia PA 19139	P	BAKER, MD, Richard B 2324 E Allegheny Ave Philadelphia PA 19134	IM
HEINBACH, MD, Robert A 318 N Market St Po Bx 28 Selinsgrove PA 17870	FP	WENTZEL, MD, George R 370 Market St Ste 405 Sunbury PA 17801	OPH	ALBERT, MD, Lawrence 515 E Wynnewood Rd Merion PA 19068	IM	ARDEN, MD, Sidney H 1196 Dicknason Dr Yardley PA 19087	PTH	BAKER, MD, Walter W 315 Glenn Rd Ardmore PA 19003	U
HETRICK JR, MD, Theodore L R D #1 Baavertown PA 17813	FP	WILSON, MD, Dorothy G 330 N 12th St Sunbury PA 17801	OBG	ALBERT, MD, Seymour M 1305 W Tabor Rd Philadelphia PA 19141	ORS	ARENSEN, MD, Juan J 24 Heneen Ct Narberth PA 19072	OPH	BALCHANDANI, MD, Rajkumari B 800 Cottman Ave Apt 412A Philadelphia PA 19114	R
JOHNSTON, MD, Russell M 12 N Front St Sunbury PA 17801	OPH	PERRY		ALBURGER, MD, Philip D 3401 N Broad St Philadelphia PA 19140	ORS	ARGER, MD, Peter H Hoap Univ Ol Pa Philadelphia PA 19104	R	BALIN, MD, Solomon L 326 S Providence Rd Wallingford PA 19088	FP
JUSTIN, MD, Peter A 250 S Oak St Mount Carmel PA 17651	FP	BARTHO, MD, Blaine F Rd 1 Bx 52 Landsburg PA 17040	FP	ALDAY, MD, Edgardo S 1025 Walnut St Philadelphia PA 19107	GS	ARKLESS, MD, Henry A 2 Bala Cyn Plaza II 18 Bala Cynwyd PA 19004	IM	BALLAS, MD, Samir K 1015 Walnut St Rm 719 Philadelphia PA 19107	IM
KHANNA, MD, Sudhir K R D 2 Box 88A Shamokin PA 17872	IM	BELMONT, MD, Frank A Main And Church Sta New Bloomfield PA 17068	OBG	ALEXANDER JR, MD, John D 301 S 8th St Philadelphia PA 19107	IM	ARMENTO, MD, Donald F Holy Red Mad Bldg #221 Meadowbrook PA 19048	U	BALLEK, MD, Ronald E 1379 Heller Dr Yardley PA 19067	IM
KIRK, MD, Daniel L 201 N Church St Waynesboro PA 17288	P	CHANG, MD, Byung D 19 S Carlisle St Box 358 New Bloomfield PA 17068	PD	ALEXANDER, MD, Frad 1400 Youngelord Rd Gladwyna PA 19035	OS	ARMOUR, MD, William S 8018 Roanoke St Philadelphia PA 19118	ORS	BALMASEDA, MD, Olalia B Moas Rehab Hoap Philadelphia PA 19141	PM
KOPF, MD, Lawrence J 315 Orange St Northumberland PA 17857	FP	GADANI, MD, Pravin R 500 Myrtle Ave Marysville PA 17053	IM	ALEXANDER, MD, Maurice H Cedarbrook Hill Apt B301 Wyncote PA 19095	OTO	ARNAO, MD, Jamea 2503 S 62nd St Philadelphia PA 19142	FP	BALMASEDA, MD, Philip F 2 Cavendish Dr Ambler PA 19002	PM
LAMPARTER, MD, Carol M Rd 5 Box 359 Denville PA 17821	FP	GASULL JR, MD, H Robert Rd Box 180G Elliottsburg PA 17024	FP	ALGAZY, MD, Kenneth M 509 Prescott Rd Merion PA 19066	IM	ARNETT, MD, John H 170 Kendal-Longwood Kennett Sq PA 19348	FP	BALSARA, MD, Rohinton K St Christopher Hoap Philadelphia PA 19133	PD
LEWIS, MD, Ivor 330 N 12th St Sta D Sunbury PA 17801	FP	HATCHER, MD, Kim A Box 70A Rd #1 Landsburg PA 17040	FP	ALISUAG, MD, Restituto M 3884 Sipler Lane Huntingdon Vly PA 19006	AN	ARNO, MD, Irvin C 1325 W Tabor Rd Philadelphia PA 19141	OBG	BALTZELL, MD, William H 130 S 9th St Philadelphia PA 19107	OTO
MIRARCHI, MD, Vincenzo 404 Weal Ave Mt Carmel PA 17651	FP	MAGILL, MD, William H 2 S 4th Newport PA 17074	FP	ALLCOCK, MD, Jenniler A 251 E Bringham Philadelphia PA 19144	PD	ARONSON, MD, Jarold M 1401 Arch St Philadelphia PA 19102	PD	BANCOFF, MD, Carl 200 Hermitage Dr Radnor PA 19087	IM
MUNIR, MD, Mohammad M Box 74A Shamokin Dam PA 17878	IM	MATUNIS, MD, Joseph J Loysville PA 17047	FP	ALOSI, MD, Anthony J 230 E Keawick Ave Glenside PA 19038	FP	ASBELL, MD, Sucha O 297 N Highland Ave Merion PA 19068	R	BANK, MD, Arnold A Albert Einstein Mad Ctr Philadelphia PA 19141	N
MYCHAK, MD, Dennis R 130 N Market St Mt Carmel PA 17651	FP	RUMBAUGH JR, MD, James O Box 158 Newport PA 17074	FP	ALPERS, MD, Bernard J 111 N 49th St Philadelphia PA 19139	N	ASKAR, MD, F 1143 Norwalk St Philadelphia PA 19115	FP	BANKA, MD, Reena S Frankford Ave & Wakeling Phila PA 19124	N
NELMS, MD, William F 2430 Brazillie Dr Apt 22 Clearwater FL 33515	OBG	STEPHENSON, MD, Orlando K New Bloomfield PA 17068	FP	ALTER, MD, Milton 3401 N Broad St Philadelphia PA 19140	IM	ATKINS JR, MD, Joseph P 8Th&Spruce Sts Philadelphia PA 19107	OTO	BANKS, MD, William W 1738 Bantry Dr Dresher PA 19025	OTO
NESPOLI, MD, Anthony M Sunbury Comm Hoap Sunbury PA 17801	FP	PHILADELPHIA		ALTMAN, MD, Cynthia B 3901 Conahohocken Ave Philadelphia PA 19131	ADM	AU, MD, Francis C 3401 N Broad St Surg Philadelphia PA 19140	GS	BANNER, MD, Ronald S 410 Chapal Rd Elkins Park PA 19117	IM
PAGANA, MD, John P 318 N 12th St Sunbury PA 17801	FP	ABDOLLAHAN, MD, Jevad 1411 Harrison St Philadelphia PA 19124	IM	ALVARADO, MD, Alfredo 9114 Dale Rd Philadelphia PA 19115	TS	AUDAY, MD, Jose H 255 S 17th St Ste 1008 Philadelphia PA 19103	ORS	BANNETT, MD, Aaron D 1335 49 W Tabor Rd Philadelphia PA 19141	GS
PATEL, MD, Purshottem N 328 Market St Bloomsburg PA 17815	U	ABRAHAM, DO, Ronald 338 Glen Meadow Rd Richboro PA 18954	PM	AMADIO JR, MD, Peter 733 Spring Valley Rd Doylestown PA 18901	FP	AUER, MD, Edward T Phila Vamc Univ & Wldnd Philadelphia PA 19104	P	BANSBACH, MD, Jean M 21 N Feathering Rd Media PA 19063	US
PAYNE, MD, Virginia L 101 Magnolia Ave Selinsgrove PA 17870	N	ABRAHAM, MD, Hans A 7950 Whitewood Rd Elkins Park PA 19117	FP	AMARO, MD, Mario 878 N 21st St Philadelphia PA 19130	AN	AUERBACH, DO, Robert S 1325 W Tabor Rd Philadelphia PA 19141	OBG	BANSBACH, MD, William A 2301 S Broad St Philadelphia PA 19148	U
PERALTA, MD, Juan O 141 E Sunbury St Shamokin PA 17872	R	ABRAMS, MD, William B 220 Spruce Tree Rd Radnor PA 19087	IM	AMBRUS, MD, Clara M 143 Windsor Ave Buffalo NY 14029	PD	AUGSBURGER, MD, Jamea J 225 Rodney Circle Bryn Mawr PA 19010	OPH	BANTLEY JR, MD, David S Welsh & Norriatown Rds Maple Glen PA 19002	R
PERRIGE, MD, William M 330 N 12th St Sunbury PA 17801	GS	ABRAMSON, MD, Edwin B 80 E Township Line Elkins Park PA 19117	IM	AMBRUS, MD, Julian L 143 Windsor Ave Buffalo NY 14029	IM	AUGUST, MD, Deborah L 909 Clinton St Philadelphia PA 19107	ORS	BAR, MD, Allen H 301 S 8th St Philadelphia PA 19106	GS
REED, MD, Gilbert C P O Box L Hummels Wharf PA 17831	FP	ABRAMSON, MD, Maurice 7500 Manchester Rd Philadelphia PA 19128	FP	AMRITT, MD, R Sidney 399 Moreland Rd Huntingdon Vly PA 19006	AN	AURITT, MD, William A 21 W Mt Pleasant Ave Philadelphia PA 19119	PD	BARATZ, MD, Burton H Ne Med Ctr Philadelphia PA 19114	OBG
RETTINGER, MD, Beatrice F 400 Market St 1st Net'L Sunbury PA 17801	FP	ABRUTYN, MD, Elias 209 Rhyl Lane Bala Cynwyd PA 19004	FP	AMROM, MD, George J 2401 Pa Ave St 2C-45 Philadelphia PA 19130	GS	AUSTRIAN, MD, Robert C Hoap Univ Ol Pa Philadelphia PA 19104	IM	BARBER, MD, Lee A 20 Lodges Lane Bala Cynwyd PA 19004	IM
RODRIGUEZ, MD, Edsel A W Center St Elysburg PA 17824	FP	ACETO, MD, Joseph N St Agnes Med Center Philadelphia PA 19145	R	AMSTERDAM, MD, Gerald H 447 Millie Hill Rd Ft Washington PA 19034	GS	AVELLINO, MD, Joseph D 2219 S Broad St Philadelphia PA 19148	FP	BARBER, MD, Margaret 1170 Ne 191st St N Miami Bch FL 33179	P
ROSS JR, MD, Peter W 710 Centre St Ashland PA 17921	OBG	ACKERMAN, DO, Mark 821 Moreadon Rd Meadowbrook PA 19048	FP	AMSTERDAM, MD, Jules 10821 Edison Rd Potomac MD 20854	P	AVERSA JR, MD, Zefferrino A 2301 S Broad St Ste 207 Philadelphia PA 19148	OTO	BARBIERI, MD, Edward A Presidential Apt St D105 Philadelphia PA 19131	GS
SAMAD, MD, Mohammad A Box 74-A Shamokin Dam PA 17878	IM	ADAM, MD, Alberto L 360 Warren Rd Wayne PA 19087	TS	ANASTASI, MD, Joseph D 1829 Pine St Philadelphia PA 19103	FP	AVERSA, MD, Nicholea 1322 Ritner St Philadelphia PA 19148	FP	BARBO, MD, Dorothy M 3300 Henry Ave Philadelphia PA 19129	OBG
SAVIDGE, MD, Samuel L 102 S 4th St Sunbury PA 17801	FP	ADAMS, MD, Powell E D-117 Presidential Apts Philadelphia PA 19131	P	ANDERSON, MD, Alice M 3412 W Coulter St Philadelphia PA 19129	FP	AXELROD, MD, Budd B 818 E Girard Ave Philadelphia PA 19125	FP	BARDEN, MD, Robert P 8835 Germantown Ave Philadelphia PA 19118	R
SAYERS, MD, Francis P Box 91A Rd 3 Sunbury PA 17801	IM	ADELIZZI, MD, I Richard 1723 S Broad St Philadelphia PA 19148	OTO	ANDRE, MD, Robert S 1078 W Baltimore Pike Media PA 19063	NS	AXELROD, MD, Rita S Lenkenau Hoap Res Dept Philadelphia PA 19151	IM	BARENBAUM, MD, Daniel H 2623 W Allegheny Ave Philadelphia PA 19132	FP
SCHNEIDER, MD, Benjamin 1516 Locust St Willemaport PA 17701	FP	ADELMAN, MD, Bernard P 80 E Twnahp Line Elkins Park PA 19117	R	ANDREWS, MD, Robert J 1019 Clinton St Philadelphia PA 19107	IM	AYELLA JR, MD, Alfred S 2598 Cranston Rd Philadelphia PA 19131	GS	BARKER, MD, Clyde F Hoap Univ Ol Pa Philadelphia PA 19104	GS

BARKER, MD, Richard G 448 Huntingdon Dr Weyne PA 19087	IM	BEHREND, MD, Albert J Usa Maddec Ft Mcclennen AL 36205	US	BESARAB, MD, Anatole 536 Willow Ave Amber PA 19002	IM	BLEWITT, MD, George A 21 Patriot Circle Devon PA 19333	IM	BOWMAN, MD, Jemea E 7959 Frontenac St Philadelphia PA 19111	PD
BARNES, MD, Anne U 1503 Richland Rd Faasterville PA 19047	GS	BEHREND, MD, Barnerd 708 W Mt Airy Ave Philadelphia PA 19119	PRM	BESSER, MD, Josaph P 350 E Willow Grove Ave Philadelphia PA 19118	IM	BLINKOFF, MD, Barry A 1314 Land Mk Rte 70 295 Charry Hill NJ 08034	IM	BOYD 3RD, MD, Robert T 3910 Powalton Ave Philadelphia PA 19104	GS
BARNHART JR, MD, Jey S 530 S 8th St Philadelphia PA 19147	PTH	BEHRENDT, MD, Thomes 1025 Walnut St-Oph Philadelphia PA 19107	OPH	BETESH, MD, Joel S 405 S Isaminger St Philadelphia PA 19147	IM	BLOCK, MD, Frenk B A1124 Park Dr Manor Philadelphia PA 19144	GS	BOYER, MD, Randal A 39 E Montgomery Ave Ardmore PA 19003	R
BARON, MD, Raymond C Cederbrook Hill Apts Wyncote PA 19095	IM	BEIZER, MD, Lawrance H 419 S 19th St Philadelphia PA 19146	IM	BETTINGER, MD, John C 1331 S Elisco Dr San Realel CA 94904	IM	BLOCK, MD, Robert A Northeast Mad Ctr Philadelphia PA 19114	OBG	BRACHFELD, MD, Jonas 227 Nicholson Dr Moorastown NJ 08057	IM
BARR, MD, Sidney 2401 Penna Ave Apt 8B26 Philadelphia PA 19130	IM	BELL, MD, Ella C 454 Church La Philadelphia PA 19144	IM	BETTS, MD, Eugene K Childrans Hosp Dpt Anes Philadelphia PA 19104	AN	BLOOD JR, MD, Reymond G Box 754 Pocono Pines PA 18350	FP	BRADEN, MD, Gaofray L 555 City Lina Ave Bala Cynwyd PA 19004	IM
BARR, MD, Samuel S 255 S 17th St Philadelphia PA 19103	OBG	BELLARMINO, MD, Fencia M 2301 S Broed St Philadelphia PA 19148	FP	BEVAN, MD, Emme B 354 W Lancaster Ave Haverford PA 19041	OBG	BLOOM, MD, Edwerd I 178 W Chew St Philadelphia PA 19120	OTO	BRADLEY JR, MD, Robert H 8815 Germantown Ave Philadelphia PA 19118	U
BARRETT, MD, Micheel J 3300 Henry Ave Philadelphia PA 19129	IM	BELLER, MD, Martin L 1936 Spruce St Philadelphia PA 19103	ORS	BEVERLY JR, MD, Roland S 5836 Chesnut St Philadelphia PA 19139	FP	BLOOM, MD, Joseph 6901 York Rd Philadelphia PA 19126	PD	BRADY, MD, Anna M 3302 W Queen Lane Philadelphia PA 19129	ORS
BARRINGER, MD, Lydia R 201 S Buck Ln Havartord PA 19041	AN	BELMONT, MD, Hermen S 245 N Broad St Philadelphia PA 19107	P	BEVERLY, MD, Avery W 5029 Woodland Ave Philadelphia PA 19143	R	BLOOM, MD, Shirley S 2032 Weverly St Philadelphia PA 19146	AN	BRADY, MD, Luthar W 230 N Broad St Philadelphia PA 19102	R
BARRIOS, MD, Antonio 2122 N Hancock St Philadelphia PA 19122	FP	BELMONT, MD, Owen York Rd & Wesh Ave Sta 1 Jenkintown PA 19046	OPH	BEVILACOUA, MD, John E 900 Drexal Ave Drexel Hill PA 19026	N	BLUM, MD, Bernerd M Benson East #215B Jenkintown PA 19046	P	BRATMAN, MD, Robert A 539 Prascott Rd Merion Sta PA 19066	IM
BARRIST, MD, Ellis M 420 Lincoln Rd Sta 302 Miami Beach FL 33139	GS	BELOFF, MD, Louis 8300 Newbold Ln Philadelphia PA 19118	FP	BEYER JR, MD, Kerl H P O Box 387 Panlyn PA 19422	OS	BLUMBERG, MD, Albart L 3400 Spruca St Philadelphia PA 19104	R	BRAUNFELD, DO, Robert 800 Darwyn Rd Drexel Hill PA 19026	FP
BARRY, MD, William E 3400 N Broed St Philadelphia PA 19140	IM	BENDERSKY, MD, Gordon 2200 Ben Frenklin Pkwy Philadelphia PA 19130	IM	BIDDLE, MD, Stanley E 1300 Fayette St #10 Canahohocken PA 19428	US	BLUMBERG, MD, Beruch S 7701 Burholme Ave Philadelphia PA 19111	OS	BRAV, MD, Solomon S 5575 N Park Ave Philadelphia PA 19141	OPH
BARTOSIK, MD, Delphina B 230 N Broed Rm 16311 Nbc Philadelphia PA 19102	OBG	BENDLIN, MD, Arneldo 14 Baeson Place Vorhees Twp NJ 08043	GS	BIELE, MD, Flore H 1103 Spruce St Philadelphia PA 19107	P	BLUMBERG, MD, Leon D 7848 Montgomery Ave Philadelphia PA 19117	FP	BRAY, MD, Susen H 33 E Chaeutnut Hill Ave Philadelphia PA 19118	IM
BARTUSKA, MD, Doris G 3227 W Penn St Philadelphia PA 19129	IM	BENEDICT, MD, Frenklin D 125 Wesley Rd Oceon City NJ 08226	FP	BIEMULLER, MD, Mertha L 5555 Wissahickon Ave Philadelphia PA 19144	OBG	BLUMBERG, MD, Myron L 317 S 22nd St Philadelphia PA 19103	R	BRECHER, MD, Eugana 8118 Old York Rd Elkins Park PA 19117	FP
BARUSEWYCZ, MD, Sr Merie 1825 W Lindley Ave Philadelphia PA 19141	P	BENES, MD, Sween C 3407 Werden Dr Philadelphia PA 19129	OPH	BIERMANN, MD, William A 111 S 11th St Philadelphia PA 19107	IM	BLUMENFIELD, MD, Ralph 4111 Princeton Ave Philadelphia PA 19135	FP	BRECHT, MD, James A 111 N 49th St Philadelphia PA 19139	P
BASAVANAND, MD, Nirmele P 105 Menheim Ave Bridgeton NJ 08302	PD	BENJAMIN, MD, Kenneth W 1500 Locust St Ste 2016 Philadelphia PA 19102	OPH	BIGGANS, MD, Robert P 802 S Front St Philadelphia PA 19147	IM	BLUMENTHAL, MD, Charles 7432 Torresdale Ave Philadelphia PA 19136	FP	BREGMAN, MD, Joseph 5325 Old York Rd 911 Philadelphia PA 19141	FP
BASH, MD, Nicholes P 2401 Penna Ave Wilmington DE 19806	PTH	BENNETT, MD, Hugh D Hehnenenn Med College Philadelphia PA 19102	IM	BILKER, MD, Iris J Cederbrook Hill Apt Cm-2 Wyncote PA 19095	P	BLUMSTEIN, MD, George I 2039 Delancey St Philadelphia PA 19103	IM	BRENNAN, MD, Arnold K 7812 Mountain Ave Philadelphia PA 19117	OTO
BASSETT, MD, Jemea G 3300 Henry Ave Philadelphia PA 19129	FP	BENSON, MD, Jacob M 80 E Twp Line Ste 235 Elkins Park PA 19117	CRS	BILLIG, MD, Ruth A 8448 N 11th St Philadelphia PA 19126	PD	BODI, MD, Tibor 6424 City Line Ave Philadelphia PA 19151	IM	BRENNAN JR, MD, William J 808 D Pine St Philadelphia PA 19107	R
BASTIAN, MD, Grece A 485 Highview Dr Radnor PA 19087	AN	BENSON, MD, John R 3401 N Broed St Philadelphia PA 19140	P	BIRD, MD, Gustevus C 1926 Cobden Rd Philadelphia PA 19118	R	BOGER, MD, William P 1675 Glenherdie Rd Weyne PA 19087	IM	BRENNAN, MD, Joseph E 431 E Lavick St Philadelphia PA 19111	FP
BATOFF, MD, Milton A Park Lane E Beverly Blvd Uppar Darby PA 19082	FP	BENSON, MD, William E 187 E Evergreen Ave Philadelphia PA 19118	OPH	BIRDSALL, MD, Thomaa M 3910 Powalton Ave 304 Philadelphia PA 19104	U	BOLES, MD, Ruesell S 235 Lancesler Ave #316 Davan PA 19333	IM	BRENNAN, MD, Jemas T 3400 Spruca St Philadelphia PA 19104	R
BATTAFARANO, MD, Leonerd A 1013 N 63rd St Philadelphia PA 19151	FP	BENTIVOGLIO, MD, Lemberio G 2 Bele Cynwyd Pz Sta 25 Bele Cynwyd PA 19004	US	BIRKHEAD, MD, Nawton C Laderle Laboratories Peel River NY 10965	IM	BOLOGNESE, MD, Roneld J 829 Spruca St Philadelphia PA 19107	OBG	BRENNAN, MD, Richerd E 1255 Sequoie Rd Charry Hill NJ 08003	R
BATTERTON, MD, Thomas D 2348 Rhawn St Philadelphia PA 19152	IM	BERENBAUM, MD, Arthur A 1930 Chastnut St Philadelphia PA 19103	IM	BIRNBAUM, MD, Micheel D 8118 Old York Rd Elkins Park PA 19117	OBG	BONAKDAR-POUR, MD, Akbar Temple Univ Hosp Rad Philadelphia PA 19140	R	BRENNAN, MD, Russell J 8100 Walnut St Philadelphia PA 19139	OTO
BATTS JR, MD, Jemes A 433 W Johnson St Philadelphia PA 19144	OBG	BERENBAUM, MD, Peul L 1002 Spruce St Philadelphia PA 19107	IM	BISHOP, MD, Herry C 34th St & Civic Cr Blvd Philadelphia PA 19104	GS	BONAN, MD, A Ferdinand 1814 Delancey Pl Philadelphia PA 19103	P	BRENNER, DO, Richerd P 2175 Knorr St Philadelphia PA 19149	IM
BAUM, MD, O Eugene 1 Buttonwood Sq 204 Philadelphia PA 19130	P	BERES, MD, Joseph C 425 Emerson Rd Huntingdn Vly PA 19006	R	BISHOP, MD, Sereh 8300 Greene St Philadelphia PA 19144	PRM	BOOKHAMMER, MD, Robert S 922 Montgomery Ave Bryn Mawr PA 19010	P	BRENNER, MD, Berry S 2175 Knorr St Philadelphia PA 19149	FP
BAUM, MD, Stanley 3400 Spruca St Rad Dept Philadelphia PA 19104	R	BERG, MD, Morton D 4 Daer Pk Crescent 1-B Canada	P	BISHOW, MD, I Ralph 447 Harrison Ave Glanside PA 19038	FP	BOOTH JR, MD, Robert E 811 Spruca St Philadelphia PA 19107	ORS	BRENNER, MD, Mexwall B 2919 Richmond St Philadelphia PA 19134	US
BAUMANN, MD, Friede 200 N Wynnwood Ave Wynnwood PA 19096	US	BERG, MD, Philip 1541 Longshore Ave Philadelphia PA 19149	FP	BITMAN, MD, Herold L 8302 York Rd Elkins Park PA 19117	P	BORDEN, MD, Anihony G 991 Rydal Rd Rydal PA 19048	R	BRENNER, MD, Sidney 2175 Knorr St Philadelphia PA 19149	FP
BAXT, MD, Laon 1940 N 5th St Philadelphia PA 19122	FP	BERGER, MD, Bruca C 1210 Imperiel Rd Rydal PA 19046	IM	BITMAN, MD, Joseph 1939 Cheltenham Ave Elkins Park PA 19117	PD	BORKOWSKI, MD, Barnard B 303 Windy Bush Rd New Hope PA 18938	GS	BRENNER, MD, Sophie A 848 Springfield Rd Springfield PA 19064	FP
BAYNE, MD, Gilbert M 208 Wooda Rd Northwoods PA 19036	US	BERGER, MD, Simon M Episcopel Hosp X Ray Dpt Philadelphia PA 19125	R	BLACK, MD, Meurica W 415 Glenwey Rd Philadelphia PA 19118	IM	BORKOWSKI, MD, Winslow J 1324 Red Rambler Rd Rydal PA 19046	N	BRESLER, MD, R Relp 1003 Wallington Rd Jankintown PA 19048	IM
BEATTY, MD, Albert C 501 W Moraland Ave Philadelphia PA 19118	GS	BERGHER, MD, Moises 1500 Hallarman St Philadelphia PA 19149	P	BLACK, MD, Perry Hehnenenn Hosp Ns Dept Philadelphia PA 19102	NS	BORNS, MD, Patricie F 3411 Warden Dr Philadelphia PA 19129	R	BRESLOW, MD, Irwin H 1924 Paneme St Philadelphia PA 19103	IM
BEAUCHAMP JR, MD, Eugene W 300 Stefford St Springfield MA 01104	GS	BERGQUIST, MD, Erick J 302 Martin Lana Wellington PA 19086	IM	BLACKBURN, MD, Walter J 417 Williams Rd Wynnwood PA 19096	IM	BOROW, MD, Lawrence S 518 Craig Lane Villanova PA 19085	OBG	BREST, MD, Albert N Jefferson Med Coll Philadelphia PA 19107	IM
BECK, MD, Aeron T 406 Wynmera Rd Wynnwood PA 19096	P	BERK, MD, Nathaniel G Cederbrook Hill 3 Wyncote PA 19095	IM	BLADY, MD, John V 2009 Stone Ridga Ln Villanova PA 19085	GS	BOROW, MD, Sydnay 3400 St Vincent St Philadelphia PA 19149	PD	BREZIN, MD, Joaeph H 250 N 13th St Philadelphia PA 19107	IM
BECK, MD, Sidney 528 Prescott Rd Marion PA 19066	US	BERKOWITZ, MD, Henry D 3400 Spruce St Philadelphia PA 19104	GS	BLAIN, MD, Deniel 2100 Clarkson Ave Philadelphia PA 19144	P	BORTIN, MD, Laonerd 191 Presidantiel Blvd Bela Cynwyd PA 19004	IM	BRIGHTON, MD, Cerl T 3400 Spruca Streat Philadelphia PA 19104	ORS
BECKER, DO, Leonard R P O Box 707 Norristown PA 19401	AN	BERKOWITZ, MD, Richard D 3401 N Broed St Philadelphia PA 19140	IM	BLAIR, MD, Frank W 369 Graan Lana Philadelphia PA 19128	OPH	BOSACCO, MD, Stephan J 230 N Broed St Philadelphia PA 19102	ORS	BRIGLIA, MD, Nicholas N 2116 W Passyunk Ave Philadelphia PA 19145	FP
BECKER, MD, Irwin 1115 Morris Ave Bryn Mewr PA 19010	FP	BERLEY, MD, Lawrence F 10125 Varree Rd Ben Rush Philadelphia PA 19116	P	BLANCH, MD, Josaph J 10845 Crestmont Ave Philadelphia PA 19154	U	BOURLAND, MD, Henry S 825 Founteinhead Wy Neples FL 33940	CRS	BRIGNOLA, MD, Micheal P 215 Berclay Bldg Bala Cynwyd PA 19004	IM
BECKER, MD, Joseph M 548 Winding Way Merion Ste PA 19066	R	BERMAN, DO, Mervin J 418 Chapel Rd Elkina Park PA 19117	AN	BLAND, MD, C Brinley Gpsy Hi Rd #1017 Rd 1 Ambler PA 19002	OBG	BOUZARTH, MD, William F Episcopel Hosp Ste 111 Philadelphia PA 19125	NS	BRILL, MD, Peter L 3910 Cheetnut St Philadelphia PA 19104	P
BECKLEY, MD, Allen G P O Box 5093 Lancaster PA 17601	US	BERMAN, MD, Arnold T 230 N Broad St Philadelphia PA 19102	ORS	BLANK, MD, Samuel 808 Westviaw St Philadelphia PA 19119	AN	BOVE, MD, Frenk A 2901 S Broed St Philadelphia PA 19148	IM	BRILLMAN, MD, Nethen 6737 Harbison Ave Philadelphia PA 19149	FP
BEDFORD, MD, Richard A 2998 Welsh Rd Philadelphia PA 19152	FP	BERMAN, MD, Richard 540 Croydan Pike Cheltenham PA 19012	FP	BLANZACO, MD, Andra C 717 Bathlaham Pike Philadelphia PA 19118	OBG	BOVE, MD, Richerd L 2901 S Broed St Philadelphia PA 19148	GS	BRINDISI, MD, Geatano 8 Wdcrt Rd M Gult Mnr Havertown PA 19083	IM
BEDNAREK, MD, Joseph M 1285 Stenwood St Philadelphia PA 19111	GS	BERNABEL, MD, Armand L 220 Ellis Rd Havertown PA 19083	OBG	BLATT, MD, Merk A 2 Dacker Sq Ste 46 Bale Cynwyd PA 19004	FP	BOWEN JR, MD, Frenk W 8th & Spruca Sts Philadelphia PA 19107	PD	BRINTON, MD, Keran 1900 S Broed St Philadelphia PA 19148	R
BEERMAN, MD, Hermen 2422 Pina St Philadelphia PA 19103	D	BERNS, MD, Laon L 1335 W Tabor Rd Philadelphia PA 19141	IM	BLEIMAN, MD, Micheel 1155 Morris Rd Wynnwood PA 19096	P	BOWER, MD, Robert 230 N Broad St Philadelphia PA 19102	GS	BRITT, MD, Edward C 11 Linden Ave Balmont MA 02178	FP
BEG, MD, Mirza M 1500 Spring Garden St Philadelphia PA 19101	IM	BERNSTINE, MD, J Bernard 23205 More Glen Dr Los Altos CA 94022	OBG	BLESSING, MD, Henry G 2185 Winthrop Rd Huntingdon Valley PA 19006	P	BOWERS, MD, Peul A 255 S 17th St 2nd Fl Philadelphia PA 19103	OBG	BROCKMAN, MD, Stenlay K 1025 Walnut St Philadelphia PA 19107	TS

BRODNER, MD, Robert A 230 N Broad St Dept Ns Philadelphia PA 19102	NS	BRYLAWSKI, MD, Michael 606 Elkins Ave Elkins Park PA 19117	IM	CANTOR, MD, Harry Benaon Manor Apt 708 Jenkintown PA 19048	GS	CAVA, MD, Joseph J 1923 S Broad St Philadelphia PA 19148	IM	CHUNG, MD, Edward K Thomas Jeff Univ Hosp Philadelphia PA 19107	IM
BRODOVSKY, MD, Harvey S 111 S 11th St Ste 6165 Philadelphia PA 19107	IM	BUCH, MD, Heriberto E 85 N Lanadowne Ave Lanadowne PA 19050	OPH	CANTOR, MD, Robert E Cedarbrook Hill C713 Wyncote PA 19095	PRM	CAVE, MD, Sergil L 5243 Spruce St Philadelphia PA 19139	OBG	CHUNG, MD, Hack R Ford Rd & Monument Ave Philadelphia PA 19131	P
BRODSKY, MD, Isadore 1528 Flat Rock Rd Narberth PA 19072	IM	BUCHHEIT, MD, William A Temple Univ Hosp Philadelphia PA 19140	NS	CAPLAN, MD, Bernard 8128 Fairview Rd Elkins Park PA 19117	R	CAYTEN, MD, C Gene 34th & Spruce Sts Philadelphia PA 19104	GS	CHUNG, MD, Whan S Front St & Lehigh Ave Philadelphia PA 19125	OBG
BRODSKY, MD, Norman J 2225 Garrett Rd Drexel Hill PA 19026	IM	BUCKLEY, MD, Roland M 278 Hillcrest Rd Wayne PA 19087	IM	CAPLAN, MD, Howard S 17 Industrial Blvd Paoli PA 19301	PS	CEPEDA, MD, Elvessa P 1149 Liberty Bell Dr Cherry Hill NJ 08003	AN	CHUNN, MD, Livingston 1310 Old Ford Rd Huntingdon Vly PA 19006	FP
BRODY, MD, Jerome I 3300 Henry Ave Philadelphia PA 19129	IM	BUERKLIN, MD, Ellen M 605 Vassar Rd Stratford PA 19087	IM	CAPLAN, MD, Murray S 9321 Laramie Rd Philadelphia PA 19115	P	CHA, MD, Dong S 686 E Penn St 202 Philadelphia PA 19144	PS	CICCONE, MD, Emmett F 8918 Large St Philadelphia PA 19149	PTH
BRODY, MD, Morris W 2 W Levering Mill Rd Bala-Cynwyd PA 19004	P	BULLUCK, MD, David E 532 Sentinel Dr Moorestown NJ 08057	OS	CAPPOLA JR, MD, Michael T 5871 N 8th St Philadelphia PA 19120	FP	CHAIT, MD, Arnold 835 Chauncey Rd Narberth PA 19072	R	CINBERG, MD, Leonard A 800 Cottman St Ste 117A Philadelphia PA 19111	IM
BRODY, MD, Sidney A 1808 Farlington Rd Havertown PA 19083	IM	BULOVA, MD, Stephen I 230 N Broad Cancer Inst Philadelphia PA 19102	IM	CAPPUCCIO, MD, Matthew S 1809 S 12th St Philadelphia PA 19148	OBG	CHALAL, MD, Gerald S 2428 Brown St Philadelphia PA 19130	FP	CIRANOWICZ, MD, Mayer 1680 Limerick La Drasner PA 19025	IM
BROENNLE, MD, Albert M 34th & Civic Ctr Blvd Philadelphia PA 19104	AN	BUMGARDNER, MD, Heath D Po Box 1261 Dunn NC 28334	OBG	CAPUTO, MD, Larry A 109 Church St Philadelphia PA 19108	R	CHALAL, MD, Kenneth 2428 Brown St Philadelphia PA 19130	IM	CIRELLI, MD, Mario G 8304 N Sixth St Philadelphia PA 19126	GS
BROGAN, MD, Edmund J 1020 Cedar Grove Rd Wynnewood PA 19096	OTO	BUNSE, MD, Horst J 8126 Ridge Ave Philadelphia PA 19128	FP	CARABASI, MD, Ralph A 1001 Barberry Rd Bryn Mawr PA 19010	IM	CHAN, MD, Anne K 9th & Walnut Sts Philadelphia PA 19107	OPH	CLANCY, MD, Michael 3401 N Broad St Ora Philadelphia PA 19140	ORS
BROGAN, MD, John J 3101 Cottman Ave Philadelphia PA 19149	OBG	BURG, MD, Fredric D 3930 Chestnut St Philadelphia PA 19104	PD	CARDAMONE, MD, S Joseph 111 N 49th St Philadelphia PA 19139	P	CHAN, MD, Guy H 3400 N Broad St Philadelphia PA 19145	OPH	CLARK, MD, Donald L Trenton Road Browns Mills NJ 08015	AN
BROGAN, MD, Louis E 7100 Marshall Rd Upper Darby PA 19082	PD	BURKA, MD, Edward R 700 Spruce St Ste 307 Philadelphia PA 19106	IM	CAREY, MD, Lawrence S 2245 Garrett Rd Drexel Hill PA 19026	IM	CHANDRA, MD, Prasanna C 230 N Broad St Philadelphia PA 19102	OBG	CLARK, MD, Eddie L 2109 W Diamond St Philadelphia PA 19121	FP
BROMBERG, MD, Jonathan 1444 Southwind Way Dresher PA 19025	ORS	BURLAND, MD, J Alexis 15 Colwyn Lane Bala-Cynwyd PA 19004	P	CARNABUCI, MD, Guy J 1612 S Broad St Philadelphia PA 19145	D	CHANNICK, MD, Bertram J 3401 N Broad St Philadelphia PA 19140	IM	CLARK, MD, John K 843 Parkes Run La Villanova PA 19085	US
BROMMER, MD, Oliver R 421 Green Lane Philadelphia PA 19128	FP	BURROS, MD, Harry M 419 S 19th St Philadelphia PA 19146	U	CARP, MD, Albert A 7433 Drexel Rd Philadelphia PA 19151	PD	CHAPPELKA, MD, Alfre R 3012 W Coulter St East Falla PA 19129	IM	CLARKE, MD, Joseph F 2601 Holme Ave Philadelphia PA 19152	R
BRONSTEIN, MD, Judith B 3134 W Coulter St Philadelphia PA 19129	FP	BURSTEIN, MD, Frank 8541 Bustleton Ave Philadelphia PA 19152	FP	CARP, MD, Leon M 7516 City Ave Philadelphia PA 19151	IM	CHARKES, MD, Nathan D 3400 N Broad St Philadelphia PA 19140	OS	CLARKE, MD, John R 3300 Henry Ave Philadelphia PA 19129	GS
BRONSTEIN, MD, Robert M 3134 W Coulter St Philadelphia PA 19129	R	BUSCHIAZZO, MD, Horacio J 1955 Frankford Ave Philadelphia PA 19124	IM	CARPEL, MD, Raphael 2505 Antigua Trail Coconut Creek FL 33066	FP	CHARNY, MD, Charles W 2039 Delancey Pl Philadelphia PA 19103	U	CLEARFIELD, MD, Harris R 230 N Broad St Philadelphia PA 19102	IM
BROOKS, MD, Dennis L 666 E Penn St Philadelphia PA 19144	OPH	BUTSON, MD, Harry E 8236 Germanstown Ave Philadelphia PA 19118	PD	CARR, DO, Vincent F 201 N 8th St Rm 202 Philadelphia PA 19106	IM	CHASTENEY III, MD, Edward A Lankenau Med Bldg St 414 Philadelphia PA 19151	OBG	CLERF, MD, Louis H 5575 8th Ave N St Peteraburg FL 33710	US
BROOKS, MD, Frank P Univ Hosp Spruce St Philadelphia PA 19104	IM	BUTT, MD, Ghazala R 7208 Valley Ave Philadelphia PA 19128	AN	CARROLL, MD, Robert T 1015 Chestnut St Rm 803 Philadelphia PA 19107	IM	CHAT, MD, Emanuel 11815 Busletton Ave Philadelphia PA 19116	P	CLOSSON, MD, Edward W 2080 N Main St Lambertville NJ 08530	GS
BROOKS, MD, Robert 7800 Woodbine Ave Philadelphia PA 19151	FP	BUZBY, MD, Franklin S 1107 Waking St Philadelphia PA 19124	GS	CARROLL, MD, Stanton F 541 City Line Ave Merion PA 19066	GS	CHEN, MD, Mao-Hsiung 3197 Oak Drive Huntingdn Vly PA 19006	AN	COBBS, MD, Walter H 22 Iona Ave Narberth PA 19072	N
BROSELOW, MD, David D 515 W Chelten Ave Philadelphia PA 19144	FP	BYER, MD, Harold H 816 Merrill Rd Ambler PA 19002	OPH	CARROZZA, MD, Harry D 5735 Ridge Ave Philadelphia PA 19128	OPH	CHEN, MD, Wei-Fan 325 Cedar Crest Dr Quakertown PA 18915	GS	COFFEY, MD, William F Fidelity Ina S Penn Sq Philadelphia PA 19101	IM
BROSNAN, MD, William J 1225 Centennial Rd Narberth PA 19072	AN	BYRNE, MD, Philip J 324 Ashbourne Rd Elkins Park PA 19117	FP	CARSON, MD, John B Box 291 Gradyville Rd Newtown Sq PA 19073	IM	CHERNER, MD, Rachmel Wash Ln & Twmpsh Line Jenkentown PA 19048	IM	COHEN, MD, Barbara E 401 C High Rd Andalusia PA 19020	PD
BROUDO, MD, Samuel F 6800 A Castor Ave Philadelphia PA 19149	ORS	CADDEN, MD, Joseph T 5251 E Roosevelt Blvd Philadelphia PA 19124	IM	CARVER, MD, Joseph R 1333 Race St Philadelphia PA 19107	IM	CHERNEY, MD, Paul J 1200 York Rd Abington PA 19001	PTH	COHEN, MD, David J 1807 Delancey Pl Philadelphia PA 19103	FP
BROWN JR, MD, Ernest M 41 Lankenau Med Bldg Philadelphia PA 19151	IM	CAHAN, MD, Michael S 1939 W Cheltenham Ave Philadelphia PA 19117	PD	CASE JR, MD, Warren G Penn Towers Ste 1408 Philadelphia PA 19103	P	CHERNOFF, MD, Benjamin 8901 Old York Rd Philadelphia PA 19126	IM	COHEN, MD, Erwin A 232 Barklay Cir Cheltenham PA 19012	GS
BROWN, MD, Clark E So Pamet Rd Truro MA 02686	PTH	CAHAN, MD, Robert B 2340 Sulter St San Francisco CA 94115	P	CASEY, MD, John D 715 Chelten Ave Philadelphia PA 19126	GS	CHERNOW, MD, Susan 200 Locuat St Philadelphia PA 19106	P	COHEN, MD, Fredric L 602 Washington St S Philadelphia PA 19106	OBG
BROWN, MD, Earl H 1018 Centre School Way West Chester PA 19380	FP	CAHN, MD, Milton M 1930 Chestnut St Philadelphia PA 19103	D	CASEY, MD, Michael P 700 Spruce St Phila PA 19106	IM	CHESEN, MD, David Cedarbrook Hill lii Wyncote PA 19085	IM	COHEN, MD, H Emmanuel 51 N 39th St Philadelphia PA 19104	IM
BROWN, MD, Herman 3939 Conshohocken Ave-53 Philadelphia PA 19131	FP	CALABRO, MD, Sal P 2206 S Broad St Philadelphia PA 19145	D	CASEY, MD, Paul R 8350 Roosevelt Blvd Philadelphia PA 19152	GS	CHHAYA, MD, Kirt I 1830 Rittenhouse Sq Philadelphia PA 19103	IM	COHEN, MD, H Elliot 7911 Heather Rd Philadelphia PA 19117	IM
BROWN, MD, J Oliver 53rd & Cedar Ave Philadelphia PA 19143	FP	CALDERON, MD, Gustave 617 E Allegheny Ave Philadelphia PA 19134	GS	CASSALIA, DDS, Peter T 1850 Huntingdon Pk 205 Meadowbrook PA 19046	OS	CHINITZ, MD, Joel L 250 N 13th St Philadelphia PA 19107	IM	COHEN, MD, Harry W 501 Hamilton Rd Merion PA 19066	P
BROWN, MD, Kenneth R Merck Sharp & Dohme West Point PA 19486	IM	CALES, MD, Robert J 3144 Passyunk Ave Philadelphia PA 19145	TS	CASSELLI, MD, Helene J 170 Levering St Philadelphia PA 19127	FP	CHIRICO, MD, Anna-Marie 3400 Spruce St Philadelphia PA 19104	IM	COHEN, MD, Isadore S 1919 Chestnut St Philadelphia PA 19103	IM
BROWNE JR, MD, Earl Z 3433 N Broad St Philadelphia PA 19140	PS	CALESNICK, MD, Benjamin 646 Springfield Rd Springfield PA 19064	PTH	CASSENS, MD, Brett J 327 S Camac St Philadelphia PA 19107	IM	CHISUM, MD, Melvin J 1 Parkway 2nd Floor Philadelphia PA 19102	IM	COHEN, MD, Jacob J 5301 Old York Rd Philadelphia PA 19141	FP
BROWNE, MD, Laurence T Presidential Apt D-126 Philadelphia PA 19131	IM	CALLERY, MD, Gerald E 111 Long Lane Upper Darby PA 19082	ORS	CASSIDY, MD, William J 1254 Gantt Dr Huntingdn Vly PA 19006	ORS	CHMIELEWSKI, MD, Robert E 1220 Old Welsh Rd Huntingdn Vly PA 19008	IM	COHEN, MD, J Stanley 8033 York Rd Philadelphia PA 19117	OBG
BROWNSTEIN, MD, Israel E 1325 W Tabor Rd Philadelphia PA 19141	OBG	CAMBRIDGE, MD, Florinda L 5801 Spruce St Philadelphia PA 19139	US	CASTAGNA, MD, Armand 6463 Malvern Ave Philadelphia PA 19151	FP	CHO, MD, Sang Y Jeff Univ Hosp Path Philadelphia PA 19107	PTH	COHEN, MD, Kenneth D 191 Presdntl Bvd Ste Wi Bala Cynwyd PA 19004	P
BROWNSTEIN, MD, Phillip K 111 S 11th St Ste 6193 Philadelphia PA 19107	U	CAMNITZ, DO, Leonard 101 Willowmere Lane Ambler PA 19002	R	CASTALLO, MD, Mario A 1821 Spruce St Philadelphia PA 19103	OBG	CHOLLAK, MD, William L 8815 Germntwn Ave Ste 32 Phila PA 19118	ORS	COHEN, MD, Leonard H 1258 Meinel Rd Huntingdon Vly PA 19006	GS
BRUCKER, MD, Paul C 1025 Walnut St Philadelphia PA 19107	FP	CAMODY-JOHNSTON, MD, Patricia A 255 S 17th St Philadelphia PA 19103	PD	CASTILLO, MD, Jose 228 S 22nd St Philadelphia PA 19103	PS	CHOMSKY, MD, David E 1411 Walnut St Ste 804 Philadelphia PA 19102	IM	COHEN, MD, Meyer A 605 Bridge Rd Glenside PA 19038	OTO
BRUNNER, MD, Richard A 89 W Levering Mill Rd Bala-Cynwyd PA 19004	P	CAMPBELL, MD, Charles E 51 N 49th St Philadelphia PA 19104	OPH	CASTOR, MD, Louis H 8190 Rising Sun Ave Philadelphia PA 19111	IM	CHRISTIDES, MD, Stephan A Suite 3F 301 South 8 St Philadelphia PA 19106	ORS	COHEN, MD, Norman F 5450 Wissahickon Ave Philadelphia PA 19144	IM
BRUNO, DO, Elena P 1801 Vine St Rm 318 Philadelphia PA 19103	PD	CAMPBELL, MD, Robert E Pennsylvania Hoe Rad Dpl Philadelphia PA 19107	R	CASTROVINCI, MD, Robert V 1832 S Broad St Philadelphia PA 19145	OPH	CHRISTIE, MD, Joan A 240 Kingsboro Ave Gloversville NY 12078	OBG	COHEN, MD, Norman N Mercy Catholic Med Ctr Philadelphia PA 19023	PRM
BRUNO, MD, Leonard A Hosp Of Univ Of Pa Ns Dv Philadelphia PA 19104	NS	CANDER, MD, Leon 317 Cherry Ln Wynnewood PA 19096	IM	CASWELL, MD, Horace T 3401 N Broad St Philadelphia PA 19140	GS	CHRISTOU, MD, Aristotle A 104 Westford Way Basking Ridge NJ 07920	PTH	COHEN, MD, Paul A 2238 Mt Vernon St Philadelphia PA 19130	IM
BRUNT JR, MD, Manly Y 633 Malin Rd Newtown Sq PA 19073	P	CANE, MD, Martin 378 Tomlinson Place Philadelphia PA 19118	IM	CATALANO, MD, Edison 325 Camphill Road Ft Washington PA 19034	PTH	CHU, MD, Donald 8100 Castor Ave Philadelphia PA 19149	IM	COHEN, MD, Robert M 1539 Pine St Philadelphia PA 19102	NS
BRYANT JR, MD, Winston M 5900 Spruce St Philadelphia PA 19139	OPH	CANINO, MD, Christopher W 433 Aldan Ave Aldan PA 19018	R	CATALANO, MD, Patricia M 1015 Walnut St Philadelphia PA 19107	IM	CHU, MD, Elsie H 8501 Rising Sun Ave Philadelphia PA 19111	PD	COHEN, MD, Robert V 1889 Acorn Lane Abington PA 19001	GS
BRYANT, MD, Frederick H 42 W Upsal St Philadelphia PA 19119	FP	CANNON, MD, Edward J 1321 Spruce St Philadelphia PA 19107	OPH	CATES, MD, Jerry L Episcopal Hospital Philadelphia PA 19125	GS	CHU, MD, Jennifer 4711 Cedar Ave Philadelphia PA 19143	PM	COHEN, MD, Sarle H 1201 W Olney Ave Philadelphia PA 19141	IM
BRYFOGLE, MD, John W 107 Lodges Ln Bala Cynwyd PA 19004	IM	CANTER, MD, Donald 3257 Princeton Ave Philadelphia PA 19149	OTO	CATTIE, MD, Vincent J 8350 N 7th St Philadelphia PA 19126	GS	CHUN, MD, Sae-Il 518 Eaglebrook Dr Moorestown NJ 08057	PM	COHEN, MD, Stanley N 111 S 11th St Ste 4325 Philadelphia PA 19107	IM

COHEN, MD, Sherwood V 2375 Woodward St Philadelphia PA 19115	OPH	COPPE, MD, Charles D Crosslands 27 Kennett Sq PA 19348	OBG	CYNN, MD, Won S Graduate Hosp Philadelphia PA 19146	R	DEHORATIUS, MD, Raphael J 687 Sprout Rd Villanova PA 19085	IM	DICKENS, MD, Helen O 3400 Spruce St Ste 106 Philadelphia PA 19104	OBG
COHEN, MD, Theodore B 421 Hidden River Rd Narberth PA 19072	P	COPPOLINO, MD, John F 3850 Galt Ocean Dr Fr Lauderdale FL 33308	PD	CZARNECKI, MD, Casimir 9412 Academy Rd Philadelphia PA 19114	OPH	DEICHLER, MD, John W 1930 Chestnut St Philadelphia PA 19103	OPH	DICKSON, MD, Glenn S 2020 Solly Ave Philadelphia PA 19152	OBG
COHN, MD, Edwin M 7900 Old York Rd Philadelphia PA 19117	IM	COREN, MD, Gary S 3929 Robin Road Huntingdon Vly PA 19006	R	CZARNECKI, MD, Dorothy G 9412 Academy Rd Philadelphia PA 19114	OBG	DEININGER, MD, John T Aemc York Tabor Rds Philadelphia PA 19141	IM	DICKSON, MD, Robert L Rt 3 Box 304 W Jefferson NC 28894	OTO
COHN, MD, Herbert E 111 S 11th St #8229 Philadelphia PA 19107	GS	CORFF, MD, Meyer 202 Coventry House Melrose Park PA 19126	GS	CZARNECKI, MD, Nancy S 9410 Academy Rd Philadelphia PA 19114	FP	DEITCH, MD, Bernard 8 S Buck Lane Havertord PA 19041	IM	DICKSTEIN, MD, Benjamin 8810 Castor Ave Philadelphia PA 19149	PD
COHN, MD, Ronald E 4940 Frankford Ave Philadelphia PA 19124	IM	CORMAN, MD, Lev A 12th & Tabor Rd Philadelphia PA 19141	OS	DACZKOWSKI, DO, Dolores V 2801 S 12th St Philadelphia PA 19148	FP	DEITCH, MD, Marc W Po Box 8299 Philadelphia PA 19101	PD	DIDIO, MD, Franceco P 731 Morris St Philadelphia PA 19148	FP
COLBERG, MD, James E 1025 Walnut St Philadelphia PA 19107	GS	CORNFIELD, MD, Dennis B 509 Bridge Rd Glenside PA 19038	IM	DAGOSTINO, MD, Valentino 329 Springhouse La Morristown NJ 08057	AN	DEITZLER, MD, Margaret M 2818 Bayview Dr Alameda CA 94501	AN	DIGIACOMO, MD, Oscar P 6810 Ridge Ave Philadelphia PA 19128	FP
COLBURN JR, MD, Harold L 47 Wagon Bridge Run Moorestown NJ 08057	D	CORSON, MD, Joseph K 33 E Chestnut Hill Ave Philadelphia PA 19118	D	DAITER, MD, Donald 1221 Cottman Ave Philadelphia PA 19111	P	DELAURENTIS, MD, Dominic A Pa Hoap 8th & Spruce Philadelphia PA 19107	GS	DIGILIO, MD, Victor A 2200 St James Pl Philadelphia PA 19103	IM
COLE, MD, Kay N Elkins Park Plaza 210 Elkins Park PA 19117	OBG	CORSON, MD, Stephen L 715 Righters Mill Rd Narberth PA 19072	OBG	DALE, MD, Anthony D Apt 404 1810 Rittenhouse Philadelphia PA 19103	FP	DELLABADIA, DO, Carl R 840 Cotswold Rd Somerdale NJ 08083	OBG	DIGIOVANNI, MD, Alphonse J 4 Martins Run Media PA 19063	GS
COLE-BEUGLET, MD, Catherine M 1015 Walnut St 5th Fl Philadelphia PA 19107	R	CORVASCE, MD, Joseph M 1700 B Frank Pkwy 2307 Philadelphia PA 19103	IM	DALONZO, MD, Walter A 1847 S 15th St Philadelphia PA 19145	GS	DELONG JR, MD, William G 505 Grove St Haddonfield NJ 08033	ORS	DIMAGGIO, MD, Olivia T 2808 Selwyn Rd Broomall PA 19008	PD
COLLEY, MD, Alfred L Amb Cara Ctr Ste 105 Philadelphia PA 19114	GS	COTLER, MD, Jerome M 1015 Walnut St Ste 821 Philadelphia PA 19101	ORS	DALTON, MD, John R 1025 Walnut St Rm 110 Philadelphia PA 19107	U	DELROSSI, MD, Anthony J 488 Church Rd Devon PA 19333	GS	DINON, MD, Louis R 301 South 8th St Philadelphia PA 19108	IM
COLMENAR, MD, Antonio B 7905 Anselm Rd Elkins Park PA 19117	AN	COTTRELL, MD, David C Del Co Med Ctr Broomall PA 19008	ORS	DALY, MD, Thomas W 478 Manheim Philadelphia PA 19144	NS	DELUCA, MD, Charles O 2 Waterman Ave Philadelphia PA 19118	ORS	DION, MD, Harry S Cedarbrook Hill Apt Iii Wyncote PA 19095	FP
COLTMAN, MD, Arthur B 1301 Robbins St Philadelphia PA 19111	IM	COWEN, DO, Stephen P 6823 Castor Ave Philadelphia PA 19149	IM	DAMANDA, MD, Christopher 1405 Locust St 2nd Fl Philadelphia PA 19102	ADM	DEMARCO, MD, Carlo M 7060 City Line Philadelphia PA 19151	IM	DIROCCO, MD, Vincent P 2125 S 13th St Philadelphia PA 19148	FP
COLTON, MD, Nathan H 306 Baintree Rd Rosemont PA 19010	P	COWITZ, MD, Bernard 111 Presidential Blvd 254 Bala Cynwyd PA 19004	P	DAMJANOV, MD, Ivan Hahnemann Med Coll Philadelphia PA 19102	PTH	DEMASI, MD, Pantaleone 1900 S Broad St St Agnes Philadelphia PA 19145	FP	DISILVESTRO JR, MD, John M 1507 S Broad St Philadelphia PA 19147	IM
COMER, MD, Nathan L 1100 Hicrst Rd Penn Vly Narberth PA 19072	P	COX, MD, James L 111 N 49th St Philadelphia PA 19139	P	DAMSKER, MD, Jeffry I Hahnemann Hosp Philadelphia PA 19102	R	DEMICHELE, MD, Joseph 1285 Club House Rd Gladwyne PA 19035	GS	DISILVESTRO, MD, Helen E 6950 Large St Philadelphia PA 19149	IM
COMISKEY, DO, Walter M 201 N 8th St Rm 202 Philadelphia PA 19106	IM	COYLE, MD, Patrick J 5450 Wissahickon Ave Philadelphia PA 19144	IM	DANA JR, MD, Alan S Na Med Ctr Welsh&Rsvlt Philadelphia PA 19114	D	DEMOURA, MD, Jamilo B 118 Spruce St Philadelphia PA 19106	ORS	DISTEFANO, MD, Grimaldo C 658 Glenwyd Rd Bryn Mawr PA 19010	AN
CONLEY, MD, Thomas E 5228 Rexford Square Philadelphia PA 19131	NS	COYNE, MD, Richard J 450 E Levering Mill Rd Merion PA 19068	IM	DANEHOWER, MD, William F 5628 N 3rd St Philadelphia PA 19120	FP	DEMPSEY, MD, Eugene C 1400 S 22D St Philadelphia PA 19148	FP	DITTRICH, DO, Richard J 2301 S Broad St Philadelphia PA 19148	OBG
CONLY JR, MD, Samuel S 1025 Walnut St Philadelphia PA 19107	US	CRAKE, MD, Roger F 3120 W Sch House La Jb8 Philadelphia PA 19144	GS	DANGIO, MD, Giulio J 3400 Civ Ctr Blvd #9092 Philadelphia PA 19104	R	DENIRMAL, MD, K 84 Quarry Rd Levittown PA 19057	IM	DITUNNO, MD, John F Jefferson Univ Philadelphia PA 19107	IM
CONN, MD, S Hall Norristown St Hosp Norristown PA 19401	P	CRAM, MD, Robert H 510 W Darby Rd Havertown PA 19083	ORS	DANIELS, MD, Roger B 727 Delancey St Philadelphia PA 19107	IM	DENIZARD, MD, Carl E 7916 Louis Lane Philadelphia PA 19118	PD	DIXON, MD, Harold L 1626 Harrison St Philadelphia PA 19124	IM
CONNOR, DO, Joseph P 1808 Janney Terrace Langhorne PA 19047	IM	CRAMER, MD, Bernard S 60 E Township Ln Rd Elkins Park PA 19117	FP	DANIS, MD, Martha J Po Box 303 Melrose FL 32666	AN	DENTON, MD, Clarence 685 3rd Ave New York NY 10017	IM	DJERASSI, MD, Isaac 2034 Delancey Pl Philadelphia PA 19143	PD
CONNOR, DO, Janetta V 1808 Janney Terrace Langhorne PA 19047	IM	CRANE, MD, A Reynolds Pennsylvania Hosp Philadelphia PA 19107	PTH	DANNENBURG, MD, Arthur M 235 S 15th St Philadelphia PA 19102	FP	DEPAULA, MD, Carl J 8505 Patton Rd Philadelphia PA 19118	ORS	DLIN, MD, Barney M 230 W Allens Lane Philadelphia PA 19119	P
CONROY, DO, James F 230 N Broad St Philadelphia PA 19102	IM	CRAWFORD, MD, Carolyn S 506 Spruce St Philadelphia PA 19106	PD	DANOFF, MD, Barbara F 21 Meredith Rd Philadelphia PA 19151	R	DEPRISCO, DO, John 12 Cohasset Lane Cherry Hill NJ 08003	P	DODGE, MD, Herbert C Holy Redeemer Hosp Meadowbrook PA 19048	AN
CONROY, MD, Joseph V Crestmont Ave&Meadow Lan Philadelphia PA 19154	GS	CREECH, MD, Richard H Amer Oncologic Hosp Philadelphia PA 19111	GS	DAVID, MD, Mitchell 18 Radcliffe Rd Bala Cynwyd PA 19004	P	DERENZO, MD, Aurelio G 1827 S Broad St Philadelphia PA 19148	FP	DOLFMAN, MD, Victor 728 Chestnut St Philadelphia PA 19106	FP
COODLEY, MD, Eugene L 1025 Palo Verde Ave Apt7 Long Beach CA 90815	IM	CRESSON, MD, Samuel L 901 Waverly Road Bryn Mawr PA 19010	GS	DAVIDSON, MD, Jay H 1002 Spruce St Philadelphia PA 19107	IM	DERHAM, MD, Robert J 8340 Sherwood Rd Philadelphia PA 19151	GS	DOLINSKAS, MD, Carol A 7312 Emlen St Philadelphia PA 19119	R
COOK, MD, Richard P 6811 N Sixth St Philadelphia PA 19128	FP	CREW, MD, Robert S 8112 Ensley Dr Flourtown PA 19031	FP	DAVIDSON, MD, Michael J Germantown Hospital Philadelphia PA 19144	FP	DERRICK, MD, Bruce M Temple Univ Hosp Dpt Sur Philadelphia PA 19140	GS	DOLPHIN, MD, John M P O Box M Kng Of Pruss PA 19408	PTH
COOLER, MD, Stewart 2311 Cuttman Ave Philadelphia PA 19149	PD	CRISTOL, MD, David S Foxcroft Sq Apts 113 Jenkintown PA 19048	U	DAVIDSON, MD, Steven J 3300 Henry Ave Box 192 Philadelphia PA 19129	EM	DESHAW, MD, Samuel 8314 Ogontz Ave Philadelphia PA 19141	FP	DOMANSKI, MD, John J 1705 Hunting Pk Philadelphia PA 19140	FP
COONEL, MD, Pauline 201 W Evergreen Ave #301 Philadelphia PA 19118	OTO	CROLL, MD, Millard N Po Box 180 St Davids PA 19087	R	DAVIS, MD, C Nelson 524 Howe Rd Merion PA 19068	P	DESAI, MD, Anil G 17 Kilburn Ct Surrey Pl Cherry Hill NJ 08003	R	DOMON, MD, Charles M 5801 Spruce St Philadelphia PA 19139	IM
COOPER, MD, Donald R 3300 Henry Ave Philadelphia PA 19129	GS	CRONIN, MD, Dennis W 1200 Concord Ave Drexel Hill PA 19026	GS	DAVIS, MD, John W 135 S 18th St Philadelphia PA 19103	PS	DESAI, MD, Ajit M 8401 Newbold Lane Philadelphia PA 19118	IM	DONALDSON, MD, James B 10 Summit Dr Bryn Mawr PA 19010	IM
COOPER, MD, Edward I 800 Derwyn Rd Drexel Hill PA 19028	FP	CRUFT, MD, George E 1817 John F Kennedy Blvd Philadelphia PA 19103	GS	DAVIS, MD, Lawrence W 925 Chestnut St 7th Fl Philadelphia PA 19107	R	DESAI, MD, Kirikumar T 1223 Knox Dr #31 Yardley PA 19067	OPH	DONATO, MD, Robert A 413 Newbold Rd Jenkintown PA 19048	PTH
COOPER, MD, Edward S 8710 Lincoln Dr Philadelphia PA 19119	IM	CUCINOTTA, MD, Salvatore 1845 S Broad St Philadelphia PA 19148	OBG	DAVIS, MD, Richard A 3400 Spruce St Philadelphia PA 19104	NS	DESIATO, MD, Nicola 721 W Erie Ave Philadelphia PA 19140	IM	DONER, DO, Ivan A 10101 Academy B Philadelphia PA 19114	US
COOPER, MD, Herry S 511 E Willow Grove Ave Wyndmoor PA 19118	PTH	CUCKLER, MD, John M 811 Spruce St Philadelphia PA 19107	ORS	DAVIS, MD, Thomas G 1500 Spring Garden St Philadelphia PA 19101	IM	DESPREZ, MD, Renkert J 1471 E Cheltenham Ave Philadelphia PA 19124	FP	DONNELLY, MD, Celeste C 745 Germantown Pk Lafayette Hill PA 19444	AN
COOPER, MD, Jean W 8710 Lincoln Dr Philadelphia PA 19119	FP	CUISON, MD, Navora 1741 Farmview Rd Maple Glen PA 19002	AN	DAVITCH, MD, Leonard S 1900 Spruce St Philadelphia PA 19103	FP	DESSEN, MD, Edward 3600 Conshohocken Ave Philadelphia PA 19131	R	DONNELLY, MD, John M 30 Lankenau Med Bldg Philadelphia PA 19151	P
COOPER, MD, Martin 1927 Nicholas Dr Huntingdn Vly PA 19008	FP	CUISON, MD, Sergio O 1741 Farmview Rd Maple Gl EN 19002	AN	DEAS, MD, Thomas C 3401 N Broad St Philadelphia PA 19140	AN	DETUERK, MD, John J 1073 Montgomery Ave Narberth PA 19072	GS	DONOVAN, MD, Robert J 8th & Spruce Sts Philadelphia PA 19107	P
COOPER, MD, Max M 1652 Pennypack Rd Huntingdon Vly PA 19006	R	CULF, MD, Norris K 844 Norristown Rd Horsham PA 19044	PS	DEBBAS, MD, Joseph N 5 Prince Eugene Lane Media PA 19063	R	DETULLIO, MD, Anthony E 2938 S 13th Street Philadelphia PA 19148	FP	DORAZIO, MD, Edward A 529 Applewood Dr Ft Washington PA 19034	R
COOPERMAN, MD, Michael T 921 W Cheltenham Ave Melrose Park PA 19128	IM	CURCIO, MD, Mary R 408 Green Lane Philadelphia PA 19128	IM	DEBERARDINIS, MD, Camillo T 8314 Jenkintown Rd Philadelphia PA 19117	IM	DEUTCHMAN, MD, Sandra S 111 The Mews Kings Hwy Haddonfield NJ 08033	AN	DORFMAN, MD, Alan M 958 Rye Valley Dr Meadowbrook PA 19048	OPH
COPE, MD, Constantin 8248 Fairview Rd Elkins Park PA 19117	IM	CURRIE, MD, Richard J 8815 Germantown Ave Philadelphia PA 19118	U	DECASTRO, MD, Nieves D 3300 Henry Ave Philadelphia PA 19129	AN	DEUTSCH, MD, Joel 500 Blue Hills Ave Sinai Hartford CT 06112	GS	DORMAN, MD, Gordon 1003 N Sixth St Philadelphia PA 19123	FP
COPELAN, MD, Herbert W 522 Cambridge Rd Bala Cynwyd PA 19004	IM	CURTIN, MD, John J 1748 S 65th St Philadelphia PA 19142	IM	DECHERNEY, MD, William A 2603 S 8th St Philadelphia PA 19148	FP	DEVINE, MD, Peter J 8 Pheasant Dr Holland PA 18988	PRM	DORNSTEIN, MD, Perry I Old York Rd&Mtg House Philadelphia PA 19117	IM
COPELAND, MD, Adrien D 130 S 9th St Ste 1720 Philadelphia PA 19103	P	CUSTER, MD, Richard P Inst For Cancer Res Fox Chase PA 19111	PTH	DECKER, MD, John P Pennsylvania Hosp Philadelphia PA 19107	PTH	DEVLIN, MD, Joseph T 2501 S 21st Street Philadelphia PA 19145	PD	DORTCH, MD, Joseph S S Delsea Dr & Madison Clayton NJ 08312	OBG
COPELAND, MD, Nathaniel H 4822 Kingsessing Ave Philadelphia PA 19143	IM	CUTLER, MD, Irvin 6800 Roosevelt Blvd Philadelphia PA 19149	IM	DEGUZMAN, MD, Brigida 3700 Baring St Philadelphia PA 19104	OBG	DEYOUNG, MD, Edward M 518 Ott Rd Bala Cynwyd PA 19001	R	DORWART, MD, Bonnie B 124 Maple Avenue Bala Cynwyd PA 19004	IM
COPPERMAN, MD, Gertrude 333 E City Line Ave Bala Cynwyd PA 19004	FP	CUTLER, MD, Neil 13 Old Hickory Rd Richboro PA 18954	R	DEHORATIUS, MD, Raphael F 255 S 17th St Philadelphia PA 19103	IM	DIBELLO, MD, Angelo M 8201 Craig St Philadelphia PA 19136	FP	DOSHI, MD, Kokila D 1000 Walnut St Apt #1006 Philadelphia PA 19107	AN

JOSHI, MD, Kirti K 9 Herrogate Dr Cherry Hill NJ 08003	AN	EFFINGER, MD, Elin B 209 Cuthbert Apt 206 Philadelphia PA 19106	OPH	ESPINO, MD, Shirley C 540 Brian Dr Cherry Hill NJ 08003	AN	FERRARA, MD, Vincent L 931 Huntington Pike Huntington Vly PA 19006	NS	FLEMING, MD, Burton A 500 W Moreland Ave Philadelphia PA 19118	P
JOUGHERTY, MD, Melvin J 34 Lopley Rd Upper Darby PA 19082	OPH	EGER, MD, Sherman A A406 Valley View Apts Kng Of Pruss PA 19406	GS	ESPOSITO, MD, Frances S 138 Merple Rd Havertown PA 19041	R	FERREIRA, MD, Arturo J 4955 Frankford Ave Philadelphia PA 19124	IM	FLETCHER, MD, Louie 861 S Ave Secane PA 19016	FP
JOUGLAS, MD, E Lorenzo 5000 Walnut St Philadelphia PA 19139	U	EGLUICK, MD, Paul G 10151 Buatleton Ave Philadelphia PA 19118	PD	ESTERHAI JR, MD, John L 804 Longfield Rd Philadelphia PA 19118	FP	FETTER, MD, Ferdinand 322 S 21st St Philadelphia PA 19103	IM	FLINKMAN, MD, Leonard 2LO Mtghouse La Merion PA 19088	FP
JOVNARSKY, MD, James H 1320 Race St Philadelphia PA 19107	IM	EGOVILLE, MD, Charles R 415 Parkway Dr Wynnewood PA 19098	IM	ETTELSON, MD, Lawrence N 5438 118th Ave Se Ballava WA 98004	IM	FICKE, MD, J Ronel 3919 Merion Rd Huntingdon Vly PA 19006	IM	FLORO, MD, Clero N 3300 Henry Ave Philadelphia PA 19129	OBG
JOVLING, MD, John J 1432 Monk Rd Gladwyne PA 19035	QRS	EHRLICH, MD, George E 230 N Broad St Philadelphia PA 19102	IM	ETTENDER, MD, Morris S 2607 Welsh Rd Apt J205 Philadelphia PA 19114	OTO	FIEDLER, MD, James J 3512 Ainslie St Philadelphia PA 19129	FP	FODERARO, MD, John 1 Cedarwood Ln Chadde Ford PA 19317	PRM
JOVNES, MD, John J 18 Merion Rd Merion PA 19066	AN	EICHMAN, MD, Mery R 9 Montgomery Ave Bala-Cynwyd PA 19004	FP	ETZEL, MD, Michael M 9025 Frankford Ave Philadelphia PA 19114	IM	FIELO, MD, Howard L 1025 Walnut St Philadelphia PA 19107	P	FOLQES, MD, Steven I 4033 Woodruff Rd Lalayette Hill PA 19444	AN
JOVNER, MD, Nello E 308 Havertown Pe Swarthmore PA 19081	FP	ELMAN, MD, John W Abington Mem Hosp Abington PA 19001	PTH	EVANGELISTA, MD, Everisto U 2607 Welsh Rd Apt W-306 Philadelphia PA 19114	FP	FIELDS, MD, Harry 133 S 38th St Philadelphia PA 19104	OBG	FOLDES, MD, Veronica M 4033 Woodruff Rd Lalayette Hill PA 19444	PD
JOVATCH, MD, Michael B 1521 Locust St Philadelphia PA 19102	IM	EISMAN, MD, Sylvan H 3400 Spruce St Philadelphia PA 19104	IM	EVANS, MD, Joseph B 3200 Rawle St Philadelphia PA 19149	PD	FIERSTEIN, MD, Jeffrey S 503 Fairmont Rd Havertown PA 19083	IM	FORCE, MD, Thomas B 1304 Fairy Hill Rd Rydal PA 19048	OBG
JOVATMAN, MD, Mary B 7125 Wissahickon Ave Philadelphia PA 19119	IM	EISNER, MD, Henry 413 Bryn Mewr Ave Bala-Cynwyd PA 19004	IM	EVERS, MD, William 5218 Winterton Dr Fayetteville NY 13068	AN	FIGUEROA, MD, William G 323 Lankensu Med Bldg Philadelphia PA 19151	IM	FORD, MD, Susan E 2484 El Camino Reel #117 Santa Clara CA 95051	FP
JOVREER, MD, Aaron M 8905 Cheltenham Ave Philadelphia PA 19118	GP	ELCOCK, MD, Cleudius A 400 S 57th St Philadelphia PA 19143	IM	EVERTS, MD, Glenn S 58 W Water St Philadelphia PA 17325	US	FILMYER JR, MD, Edward A 2220 Mt Carmel Ave Glenside PA 19038	PD	FOREMAN, MD, Joseph 8737 Harbison Ave Philadelphia PA 19149	GS
JOVREIFUS, MD, Leonard S 1415 Hegysford Rd Narberth PA 19072	IM	ELDAIEF, MD, Samir F 1508 Plymouth Blvd Norristown PA 19401	GS	EVERTS SUAREZ, MD, Erich A 1587 Palmer St Philadelphia PA 19125	PTH	FINE, MD, Eric W 1018 Arboretum Rd Wyncole PA 19095	P	FOREST, MD, Jean L 103 N Highland Ave Bala Cynwyd PA 19004	PTH
JOVRIKER, MD, Henry M 8238 Germantown Ave Philadelphia PA 19118	PD	ELEFANT, MD, Howard L 4900 Pann St Philadelphia PA 19124	IM	EWING, MD, James H Posam Hollow Rd Wallingford PA 19086	P	FINE, MD, Robert 450 Dundee Dr Blue Bell PA 19422	IM	FORMAN, MD, Harvey R 1038 Warfield Lane Huntingdon Vly PA 19006	IM
JOVUBB, MD, Jeffrey W 2110 Locust St Philadelphia PA 19103	IM	ELFMAN, MD, Louis K 3725 S Ocean Dr Apt 304 Hollywood FL 33019	OTO	EWING, MD, Madeleine Q 2101 Locust St Philadelphia PA 19103	OPH	FINEBERG, MD, Charles 902 Locust St Philadelphia PA 19107	GS	FORMAN, MD, Joseph E 6800 Revere St Philadelphia PA 19149	FP
JOVUBBINS, MD, Paul A Thomas Jefferson Hosp Philadelphia PA 19107	R	ELIADES, MD, William 1015 Chestnut St Philadelphia PA 19107	IM	EYMONTT, MD, Michael J 18 Harrowgate Dr Cherry Hill NJ 08003	R	FINEMAN, MD, William 2103 Pine St Philadelphia PA 19103	IM	FORMAN, MD, Kenneth J Twnshp Ln-Old York 1 Plz Jenkintown PA 19048	IM
JOVUBLIN, MD, George J 1018 E Cherry Hill Apts Cherry Hill NJ 08034	OPH	ELKOUSS, MD, Guillermo C 1320 Race St Philadelphia PA 19107	U	FABER, MD, Kalman 111 S 11th St #8091 Philadelphia PA 19107	P	FINESTONE, MD, Albert J 3401 N Broad Philadelphia PA 19140	IM	FORMAN, MD, Myron Kibbutz Daganla Alel L Israel	R
JOVUCA, MD, Palar R Thomas Jefferson Hosp Philadelphia PA 19107	IM	ELLEN, MD, Stephen J 305 Valley Place Radnor PA 19087	OBG	FABIANI, MD, Joseph A 925 Bryn Mewr Ave Narberth PA 19072	QRS	FINESTONE, MD, Israel 7403 Rowland Avenue Cheltenham PA 19012	IM	FORMAN, MD, Samuel 805 Rockland Ave Yeadon PA 19050	FP
JOVUCHIN, MD, Harvey E 811 Spruce St Philadelphia PA 19107	OBG	ELLIS JR, MD, Leander T 100 S Swerthmore Ave Swarthmore PA 19081	P	FABIUS, MD, Raymond J Apt #810 Meadowbrook Apt Huntingdon Vly PA 19106	PD	FINK, MD, Paul J 1015 Walnut St Philadelphia PA 19107	P	FORMAN, MD, Simon B 532 Devereaux St Philadelphia PA 19111	OBG
JOVUCKETT JR, MD, John W One Childrens Cir Philadelphia PA 19104	U	ELLIS, MD, Richard A 255 S 17th St Philadelphia PA 19103	OPH	FAHMY, MD, Wasly F 207 Radcliffe Rd Glenside PA 19038	GS	FINKELSTEIN, MD, David 419 S 19th St Philadelphia PA 19148	IM	FORNWALT, MD, Helen L 231 Old Gulph Rd Wynnewood PA 19096	OBG
JOVUDA, MD, John R 866 E Pann St Philadelphia PA 19144	QRS	ELLISON, MD, Julius Rd Lion & Knight Rd-10 Philadelphia PA 19114	IM	FALKENSTEIN, MD, Sheldon J 12 Poplar Terrace Cherry Hill NJ 08002	AN	FINN, MD, Joseph L 8014 Burholme Ave Philadelphia PA 19111	OBG	FORSTATER, MD, Allen T 501 Shortridge Dr Wynnewood PA 19096	FP
JOVUDEK, MD, William C 4225 Maneyville Ave Philadelphia PA 19128	FP	ELLOSO, MD, Cipriano A 850 Royal Bch Blvd 2H Royal Palm Beach FL 33411	PTH	FALLAH-NEJAD, MD, Menoucher Graduate Hosp Rm 1200 Philadelphia PA 19148	GS	FIRST, MD, Arthur 255 South 17th Street Philadelphia PA 19004	OBG	FORSTER JR, MD, H Walter 37 S 20th St Philadelphia PA 19103	OPH
JOVDUMAS, MD, Peter A 4020 Mechanicville Rd Cornwall Hgts PA 19020	P	ELMALEH, MD, Miriam K 8251 Old York Rd Elkins Park PA 19117	FP	FALUDI, MD, Georgina 829 Spruce St-Sle 406 Philadelphia PA 19103	IM	FIRST, MD, Howard E 255 S 17th St Ste 2000 Philadelphia PA 19103	OBG	FOULGER, MD, Margaret P 801 Rockwood Rd Wilmington DE 19802	IM
JOVDUNCAN, MD, Gerfeld G Rd 1 Melvern PA 19355	IM	EMMETT, MD, Gery A 1914 A Rodman St Philadelphia PA 19146	PD	FARBER, MD, Emanuel P 100 West Ave Jenkintown PA 19048	OBG	FIRST, MD, Stewart E 255 S 17th St Ste 2000 Philadelphia PA 19103	OBG	FOX IV, MD, James W 135 S 18th St Philadelphia PA 19103	PS
JOVDUNCAN, MD, Theodore G 829 Spruce St Ste 302 Philadelphia PA 19106	IM	ENGEL, MD, Gilson C 334 Lankenau Med Bldg Philadelphia PA 19151	GS	FARNON, MD, Ulrike L 1500 Spring Garden St Philadelphia PA 19101	PRM	FISCHBACH, MD, Max W Elkins Park House Elkins Park PA 19117	IM	FOX, MD, Donald 7300 Elmwood Ave Philadelphia PA 19142	IM
JOVDUNFIELD, MD, Anthony H Phila State Hosp Philadelphia PA 19154	P	ENGINEER, MD, Erach H 34 Levering Circle Bala Cynwyd PA 19004	AN	FAROUHAR, MD, John D Presb-Univ Of Pa Medctr Philadelphia PA 19104	PD	FISCHER III, MD, Carl R 137 Lee Circle Bryn Mewr PA 19010	GS	FRANKEL, MD, Donald S 255 S 17th St Philadelphia PA 19103	OBG
JOVDUNKERLEY, MD, Gery R 230 N Broad St Ste 860 Philadelphia PA 19102	FP	ENGLE, MD, Rowland B 1384 Harrison St Philadelphia PA 19124	FP	FARRAR JR, MD, George E Village 2 Tahos 18 New Hope PA 18938	IM	FISCHER JR, MD, Carl R 224 W Hathaway Lane Ardmore PA 19003	FP	FRANKEL, MD, Leon A 3600 Conshohocken Ave Philadelphia PA 19131	GS
JOVDUNN, MD, Jeffrey M 127 Lodges Lane Bala Cynwyd PA 19004	TS	ENGLISH, MD, O Spurgeon 449 Righters Mill Rd Narberth PA 19072	P	FEDERICI, MD, Valerio J 1890 Fila Terrace Langhorne PA 19047	GS	FISCHER, MD, Carl C 3351 Spanish Tr Apt 214B Delray Beach FL 33444	PD	FRANKLIN, MD, Morris 1919 Chestnut St Philadelphia PA 19103	FP
JOVDUNN, MD, Linda K 127 Lodges Lane Bala Cynwyd PA 19004	OBG	ENGSTROM, MD, Paul F Centrel & Shelmire Philadelphia PA 19111	IM	FEDORIOW, MD, Petro 4733 N 12th St Philadelphia PA 19141	FP	FISCHER, MD, H Keith 5450 Wissahickon Av A110 Philadelphia PA 19144	P	FRANKLIN, MD, Sidney N 1900 Spruce St Philadelphia PA 19103	IM
JOVDUPLER, MD, Donald A Lankenau Med Bldg #332 Philadelphia PA 19151	IM	ENTERLINE, MD, Horatio T 3400 Spruce St Philadelphia PA 19104	PTH	FEIG, MD, Stephen A 220 Locust St Philadelphia PA 19106	R	FISCHER, MD, Sharon P 1401 Lindsay La Meadowbrook PA 19048	QS	FRANTON, MD, Barry 201 S 18th St Apt 917 Philadelphia PA 19103	IM
JOVDURANTE, MD, Rapheal H 1930 Snyder Ave Philadelphia PA 19145	P	ENTINE, MD, Joseph H 8735 Harbison Ave Philadelphia PA 19149	GS	FEIN, MD, Alan M Albert Einstein Med Ctr Philadelphia PA 19141	IM	FISHBACK, MD, David B 2034 E Somerset St Philadelphia PA 19134	FP	FRAYER, MD, William C 51 N 39th St Philadelphia PA 19104	OPH
JOVDUROCHER, MD, John R Penna Hospital Philadelphia PA 19107	IM	EPSTEIN, MD, Herman Crittenden & Willow Gr Philadelphia PA 19118	FP	FEINSTEIN, MD, Theodora A 255 S 17th St 2nd Fl Philadelphia PA 19103	OBG	FISHER, DO, Gary A 240 Foxcatcher La Media PA 19083	R	FRAZIER, MD, William D 419 Gilpin Rd Narberth PA 19072	GS
JOVDYKYJ, MD, Roman 5213 N Broad St Philadelphia PA 19141	IM	EPSTEIN, MD, Isadore S 3950 Conshohocken Ave Philadelphia PA 19131	IM	FELDMAN, MD, Arthur M 3910 Powalton Av Sta 203 Philadelphia PA 19104	IM	FISHER, MD, George R 829 Spruce St Suite 308 Philadelphia PA 19107	QS	FREDERICKS, MD, Lillian E 7950 Whitewood Rd Elkins Park PA 19117	AN
JOVDYSON, MD, William L 3400 Spruce St Philadelphia PA 19104	P	ERDMAN 2ND, MD, William J 3803 The Oak Rd Philadelphia PA 19129	PM	FELDMAN, MD, Julius D 829 Spruce St Philadelphia PA 19107	OBG	FISHER, MD, Joseph S 919 Robin Lane Huntington Vly PA 19006	IM	FREEDMAN, MD, Abraham G 1015 Chestnut St 1013 Philadelphia PA 19107	P
JOVDZWONCZYK JR, MD, John 4 Pine View Dr Media PA 19063	GS	ERSLEY, MD, Allan J Jefferson Med Coll Philadelphia PA 19107	IM	FELIX, MD, Dionisio 828 Denamore Philadelphia PA 19116	OBG	FISHER, MD, Mary S 3401 N Broad St Philadelphia PA 19140	R	FREEDMAN, MD, Allan P 230 N Broad St Philadelphia PA 19102	IM
JOVEASBY, MD, Mery H Shelbourne VT 05462	US	ERSNER, MD, Jack S 1930 Chestnut St Philadelphia PA 19103	QS	FENLIN JR, MD, John M 248 S 21st St Philadelphia PA 19103	QRS	FISHER, MD, Seth M 1201 Lakemont Rd Villanova PA 19085	AN	FREEDMAN, MD, Allen R 57 Levering Circle Bala Cynwyd PA 19004	PD
JOVEBERLEIN, MD, Walter R 2206 Rittenhouse Sq Philadelphia PA 19103	PD	ESCARTE, MD, Deogracias E Ford Aerospace-Comm Corp Lansdale PA 19448	FP	FENSTER, MD, Martin M 37 W Graves La Philadelphia PA 19118	FP	FISHMAN, MD, Aaron E 2401 Panna Ave #12 B-32 Philadelphia PA 19130	IM	FREEDMAN, MD, E Fannie 937 N 65th St Philadelphia PA 19151	FP
JOVECKER, MD, Melcolm L 8615 Germantown Ave Ste Philadelphia PA 19118	ORS	ESCOBAR, MD, Edgar 31 Vernasa Dr Langhorne PA 19047	R	FEQ, MD, Louis G 814 Pine St Philadelphia PA 19107	US	FITE, MD, Franklin K Germantown Disp Hosp Philadelphia PA 19144	PTH	FREEDMAN, MD, Jacob J 1800 S 28th St Philadelphia PA 19145	FP
JOVEDEIKEN, MD, Jack Jefferson Hosp Philadelphia PA 19107	FP	ESCOLL, MD, Philip J 111 N 49th St Philadelphia PA 19139	P	FERGUSON JR, MD, Guerrant H 118 Bala Ave Bala-Cynwyd PA 19004	FP	FLANAGAN, MD, H Franklin 4412 Manayunk Ave Philadelphia PA 19128	OPH	FREEMAN, MD, Joseph T 1530 Locust St Philadelphia PA 19102	IM
JOVEDELSTEIN, MD, Joel K 434 Creascent Rd Wyncota PA 19095	P	ESKENAZI, MD, Marko M 8140 Verree Rd Philadelphia PA 19111	OBG	FERGUSON, MD, Emanuel R 5812 Baynton St Philadelphia PA 19144	FP	FLEISCHER, MD, Scott A 8655 Mccallum St #3E Philadelphia PA 19139	P	FREIWALD, MD, Milton J 2401 Pa Ave Ste 2 A 4 Philadelphia PA 19130	OPH
JOVEEDINGTON, MD, John M 4601 Market St Philadelphia PA 19139	P	ESKIN, MD, Bernard A Madison House Suite 124 Philadelphia PA 19131	TS	FERGUSON, MD, Rogar K Thomas Jeff Univ #502 Philadelphia PA 19107	IM	FLEISHER, DO, Richard D 1158 Frederick Rd Meadowbrook PA 19048	R	FREMER, MD, Abraham Benson Mnr Ste 118B Jenkintown PA 19048	FP
JOVEEDMUNDS JR, MD, L Henry 1000 Radvin Inst Philadelphia PA 19104	TS								

FREYHOF, MD, Jack N 100 W Ave Apt D16 Jenkintown PA 19046	IM	GARBAC, MD, Frank 717 Raikes Rd Huntingdn Vly PA 19006	AN	GETZ, DO, Harry D 25 Meadow Glen Rd Lansdale PA 19448	PD	GLAUSER, MD, Stanley C 630 Richards Rd Wayne PA 19087	FP	GOLLUB, MD, Morton J 1818 E Willow Grove Ave Philadelphia PA 19118	IM
FRIEDBERG, MD, Jay G 3973 Pine Rd Huntingdon Vly PA 19006	OPH	GARCIA, MD, Celso R 3400 Spruce St Philadelphia PA 19104	OBG	GETZ, MD, William B 251 Brookdale Dr Huntingdon Vly PA 19006	OPH	GLAZER, MD, Robert M 414 S 19th St Philadelphia PA 19148	ORS	GOMBERG, MD, Jack A 515 Valley View Rd Merion Station PA 19068	P
FRIEDENBERG, MD, Zachary B 133 S 36th St Philadelphia PA 19104	ORS	GARCIA, MD, Jose C 435 Foulke Ln Springfield PA 19064	GS	GHOSH, MD, Bijoy K 153 Woodland Rd Huntingdon Vly PA 19006	ORS	GLENNON, MD, Joseph A Thomas Jefferson Univ Philadelphia PA 19107	IM	GONELLA, MD, Joseph S Jelerson Med Coll Philadelphia PA 19107	IM
FRIEDMAN, DO, Martin L 907 Latimer Philadelphia PA 19107	R	GARCIA, MD, Laureano P 328 W Godfrey Ave Philadelphia PA 19120	IM	GHOSH, MD, Suresh C 1335 W Tabor Rd Ste 307 Philadelphia PA 19141	GS	GLICK, MD, Abraham 454 Woll St Philadelphia PA 19148	IM	GONZALEZ, MD, Roberta B 1919 Chestnut St Philadelphia PA 19103	IM
FRIEDMAN, MD, Adele K 200 Spruce St Philadelphia PA 19106	R	GARDNER, DO, Marshall K 15 Anthony Drive Richboro PA 18954	FP	GIAMPETRO, MD, Anthony M 2301 S Broad St Philadelphia PA 19148	IM	GLUCKMAN, MD, Stephen J 6511 Wayne Ave Philadelphia PA 19119	IM	GOODMAN, MD, Doris 732 Summit Ave Philadelphia PA 19128	IM
FRIEDMAN, MD, Irwin 835 Benj Fox Pav Jenkintown PA 19048	OBG	GARDNER, MD, Vincent E 85 Long Island Exp New Hyde Park NY 11040	FP	GIANKON, MD, Harry G 111 N 49th St Philadelphia PA 19139	P	GO, MD, Welles P 204 Lexington Havertown PA 19083	GS	GOODMAN, MD, David H 8340 High School Rd Elkins Park PA 19117	IM
FRIEDMAN, MD, Milton L 7201 Large St Philadelphia PA 19149	FP	GARFIELD, MD, Samuel J Knight-Redlion Rd 106 Philadelphia PA 19114	OBG	GIBBONS, MD, Richard E 1801 Jk Blvd 1817 Penn Philadelphia PA 19103	OBG	GODDARD, MD, Ketharine E 490 E Abington Ave Philadelphia PA 19118	PO	GOODMAN, MD, Eli G 4004 Conshohocken Ave Philadelphia PA 19131	IM
FRIEDMAN, MD, Paul S 8107 Cedar Rd Elkins Park PA 19117	R	GARFINKLE, MD, William B 437 Crescent Rd Wyncote PA 19095	FP	GIBSON, MD, Glen G 2031 Locust St Philadelphia PA 19103	OPH	GODINEZ-CEJUDO, MD, Jorge A 601 N Wilmot St Tucson AZ 85711	OPH	GOODMAN, MD, Elliott L 814 Bair Rd Berwyn PA 19312	IM
FRIEDMAN, MD, Ronald H 1525 Upland Ave Jenkintown PA 19046	IM	GARNER, MD, Vaughn C 1907 Sycamore La Flourtown PA 19031	US	GIESECKE, MD, Susan B 1327 Bobam Dr Narberth PA 19072	R	GOEL, MD, Inder P Hahnemann Hosp Ste 6328 Philadelphia PA 19102	TS	GOODMAN, MD, Harry Secene PA 19018	P
FRIEDMAN, MD, Sidney 34th & Civic Ctr Blvd Philadelphia PA 19104	PD	GARNET, MD, James D 8th & Spruce Ste Philadelphia PA 19107	OBG	GILBERT, DO, Max Althea Way Lake Park FL 33410	FP	GOHEL, MD, Vijaysinh K 32 Imperial Dr Cherry Hill NJ 08034	R	GOODMAN, MD, Robert L Box 552 3400 Spruce St Philadelphia PA 19104	R
FRIEDMANN, DO, Daniel V 6049 Chestnut St Philadelphia PA 19139	FP	GARTLAND, MD, John J 1015 Walnut St Rm 821 Philadelphia PA 19107	ORS	GILBERT, MD, Robert P Jefferson Med Coll Philadelphia PA 19107	IM	GOLD, MD, Allan 5245 Oxford Ave Philadelphia PA 19124	OTO	GOODNER, MD, David M 111 S 11th St Ste 8102 Philadelphia PA 19107	OBG
FRIGNITO, MD, Nicholas G 1900 Spruce St Philadelphia PA 19103	P	GARVIN, MD, Eugene J 105 Glenn Rd Apt 10 Ardmore PA 19003	PRM	GILETTO, DO, Joseph E 10 Baily Rd Yeadon PA 19050	IM	GOLD, MD, Estelle M 155 W Walnut Ln Philadelphia PA 19144	PD	GORACCI, MD, Armando Red Bank Ave Woodbury NJ 08098	GS
FRISHMUTH, MD, Gartrude J 5480 Hermit Ln Philadelphia PA 19128	OBG	GASCON, MD, Perla G 918 Susquehanna Rd Ambler PA 19002	AN	GILL, MD, Robert J 715 Spruce St Philadelphia PA 19106	IM	GOLD, MD, Henry J 200 Radburn Rd Philadelphia PA 19115	FP	GORDON, MD, Burgess L 800 E Cathedral Rd Philadelphia PA 19128	IM
FROBESE, MD, Alfred S 1245 Highland Ave Abington PA 19001	GS	GASH, MD, Richard M 532 Devereaux Ave Philadelphia PA 19111	GS	GINIECKZI, MD, Chester J 3448 Shelmire Ave Philadelphia PA 19136	OBG	GOLD, MD, Jerome A Po Box 8299 Philadelphia PA 19101	IM	GORDON, MD, Ernest M 7505 Bustleton Ave Philadelphia PA 19152	GS
FRUMIN, MD, Abraham M 515 Howe Rd Merion Station PA 19068	OS	GASKINS, MD, Albert L 105 W Schoolhouse Ln Philadelphia PA 19144	PD	GINLEY JR, MD, Thomas H Pres Apts Ste D 130 Philadelphia PA 19131	U	GOLDBACHER JR, MD, Lawrence R 2381 E Allegheny Ave Philadelphia PA 19134	FP	GORDON, MD, Joseph 8304 Tulpehocken Ave Philadelphia PA 19117	P
FUGARO, DO, Anthony J Episcopal Hospital Philadelphia PA 19125	AN	GASPAR, MD, Victoria S 8 Hamilton Cir Philadelphia PA 19130	PM	GINSBERG, MD, David K 2301 S Broad St Philadelphia PA 19148	IM	GOLDBERG, DO, Murray 405 Newbold Rd Jenkintown PA 19048	AN	GORDON, MD, John F 1801 Jk Blvd Apt 2204 Philadelphia PA 19103	ORS
FULLER, DO, Raymond L 201 N 8th St Rm 202 Philadelphia PA 19106	IM	GATTI, MD, Dominic L 2020 E Allegheny Ave Philadelphia PA 19134	FP	GINSBURG, MD, Abraham 337 Everglade Ave Palm Bch FL 33488	FP	GOLDBERG, MD, Barry B 1904 Lantern La Oreland PA 19075	R	GORDON, MD, Jacob S 5119 N Broad St Philadelphia PA 19141	CRS
FUNCH, MD, Ross S 606 Fields Dr Lafayette Hill PA 19444	AN	GAUKLER, MD, Robert J 1418 Old Gulph Rd Villanova PA 19085	P	GINSBURG, MD, Howard H 2030 E State Ave Phoenix AZ 85020	ORS	GOLDBERG, MD, Harry Einstein Med Cir N Div Philadelphia PA 19141	IM	GORDON, MD, Susan J Jefferson Med Coll Philadelphia PA 19107	IM
FUNK, MD, Elmer H 510 Millbrook Rd Devon PA 19333	IM	GAYDOS, MD, Anna E 118 Kenilworth Apts Philadelphia PA 19144	US	GINSBURG, MD, Isadore W Temple Univ Med Cir Philadelphia PA 19140	IM	GOLDBERG, MD, Richard E 948 Hunters Turn Huntingdn Vly PA 19006	OPH	GOREN, MD, Ronald C 901 Nicholson Rd Wynnewood PA 19098	IM
FUREY JR, MD, Charles A 3705 S Flagler Dr W Palm Bch FL 33405	PM	GECKELER, MD, Edwin O Thomas Wayne Apts #B-308 Wynnewood PA 19098	US	GIORDANO, MD, Augustin T 1817 S Broad St Philadelphia PA 19148	PD	GOLDBERG, MD, Robert M 218 West Ave Ocean City NJ 08226	IM	GOREN, MD, Stanley E 198 W Cheltenham Ave Philadelphia PA 19120	PD
FURGUIELE, MD, Francis P 5430 Greene St Philadelphia PA 19144	OPH	GEFTER, MD, Louis P 2348 E Allegheny Ave Philadelphia PA 19134	FP	GIORDANO, MD, Lorraine M 2118 N Tenn Cir Lrng Alb Limestone MA 04751	FP	GOLDBERG, MD, Steven K Albert Einstein Med Cir Philadelphia PA 19141	IM	GOSFIELD JR, MD, Edward 2113 Spruce St Philadelphia PA 19103	IM
FURUKAWA, MD, Edward F 3604 Woodlawn Ter Pl Honolulu HA 96822	P	GEFTER, MD, Warren B 243 Wiltshire Rd Wynnewood PA 19151	R	GIRARDO, MD, Salvatore P 1332 Ritner St Philadelphia PA 19148	IM	GOLDBERGER, MD, Arnold 201 S 18th St Philadelphia PA 19103	OBG	GOTTHEIL, MD, Edward Jeff-Curt Clin 3rd Fl Philadelphia PA 19107	P
FUTCHER, MD, Palmer H 273 S Third St Philadelphia PA 19106	IM	GEIST, MD, Donald C 2201 Bryn Mawr Apt 1205 Philadelphia PA 19131	GS	GIRSH, MD, Leonard S 1401 Melrose Ave Philadelphia PA 19128	IM	GOLDBURGH, MD, Warren P 111 S 11th St 4187 Philadelphia PA 19107	IM	GOTTILIEB, DO, Marshall M 7609 Lindbergh Blvd Philadelphia PA 19151	IM
GABUZDA, MD, Thomas G 184 N Latches Ln Bala-Cynwyd PA 19004	IM	GELEHRTER, MD, Joseph 1811 Olney Ave Philadelphia PA 19141	R	GISLASON, MD, G John Abington Hosp Abington PA 19001	U	GOLDFARB, MD, Alvin F St James House Ste 100 Philadelphia PA 19107	OBG	GOTTILIEB, MD, Harry 555 City Line Ave 5th Fl Bala Cynwyd PA 19004	IM
GADOMSKI, MD, Joseph P 4810 Regent St Philadelphia PA 19143	PM	GELFAND, MD, David 1722 Pine St Philadelphia PA 19103	IM	GIUDICE, MD, Virginio J 701 Kenmore Rd Philadelphia PA 19151	FP	GOLDFINE, MD, Harry A 1344 Robbina Ave Philadelphia PA 19111	PD	GOTTILIEB, MD, Philip M 818 Med Arte Bldg Philadelphia PA 19102	IM
GAGLIARDI, MD, Joseph M 100 Rodney Cir Bryn Mawr PA 19010	FP	GELFOND, MD, David B 11 Martins Run Apt G-205 Marple Township PA 19063	IM	GIUFFRE, MD, James C 538 Montgomery Sch Ln Wynnewood PA 19096	GS	GOLDFINE, MD, Joseph D 1900 Jk Blvd Ste 1706 Philadelphia PA 19103	FP	GOTTILIEB, MD, Ronald S Graduale Hosp 1 Grad Plz Philadelphia PA 19148	IM
GAIN, MD, Thomas B 1113 Beech Rd Rosemont PA 19010	GS	GELLER, MD, Joseph 7th & Cheltenham Ave Philadelphia PA 19128	FP	GIULIAN, MD, Karl A Episcopal Hosp Philadelphia PA 19125	OBG	GOLDMAN, MD, Arnold D 1 Cooper Plaza Camden NJ 08103	P	GOTTILIEB, MD, Stanley 180 Shelly Ln Philadelphia PA 19115	PRM
GALENA, MD, Harold J 501 Twin Oaks Dr Wynnewood PA 19096	FP	GENNARELLI, MD, Thomas A 3400 Spruce St Philadelphia PA 19104	NS	GIUNTOLI, MD, Robert L 423 Kings Hwy West Haddonfield NJ 08033	OBG	GOLDMAN, MD, Arthur J Thomas Jeff Hosp An Dpl Philadelphia PA 19107	AN	GOULD, MD, Richard B 8210 Crittenden St Philadelphia PA 19118	P
GALLAGHER, DO, Joseph C 2705 Dakaib St Ste 101 Norristown PA 19401	ORS	GENNARO, MD, Anthony R Temple U Hsc Depl Surg Philadelphia PA 19140	CRS	GIVEN, MD, George G 14000 Roosevelt Blvd Philadelphia PA 19114	FP	GOLDMAN, MD, H Warren 187 Summit Lane Bala Cynwyd PA 19004	NS	GOULEY, MD, Benjamin A 1201 W Olney Ave Philadelphia PA 19141	IM
GALLIGAN, MD, William J 2909 Garrett Rd Drexel Hill PA 19026	IM	GERBER, MD, Harris S 1036 Magee Ave Philadelphia PA 19111	FP	GIVEN, MD, Kenneth M Merck Sharp Dohme Res West Point PA 19488	IM	GOLDMAN, MD, Marvin 8118 Old York Rd Elkins Park PA 19117	R	GOWDEY, MD, M Agnes 2410 New Albany Rd Cinnaminson NJ 08077	FP
GALLO, MD, Eduardo F 4878 Tillamook Trail Lima OH 45805	R	GERBER, MD, Paul 701 W Roosevelt Blvd Philadelphia PA 19140	FP	GLASKIN, MD, Allen 955 Tyson Ave Philadelphia PA 19111	FP	GOLDSTEIN, MD, Arthur M 2301 S Broad St Philadelphia PA 19148	OPH	GOWING, MD, Jean 800 E Cathedral Dr Philadelphia PA 19128	FP
GALVEZ, MD, Marietta L 39 Haymarket Lane Bryn Mawr PA 19010	AN	GERBER, MD, Philip 117 S 17th St 10th Floor Philadelphia PA 19103	IM	GLASS, MD, Dorothea D 935 Melrose Ave Melrose Park PA 19126	PM	GOLDSTEIN, MD, Bernard 709 Oxford Rd Bala-Cynwyd PA 19004	AN	GRACE, MD, Helen K 270 Upper Gulph Rd Radnor PA 19087	OBG
GAMBESCIA, MD, Joseph M 1811 S Broad St Philadelphia PA 19148	IM	GERNER, MD, P Calvin 332 Penn Rd Wynnewood PA 19098	IM	GLASS, MD, Gary M 4000 Gypsy Ln Apt 830 Philadelphia PA 19144	P	GOLDSTEIN, MD, Franz 231 Lankensau Med Bldg Philadelphia PA 19151	IM	GRAHAM, MD, Garth K 1500 Spring Garden St Philadelphia PA 19101	IM
GAMBESCIA, MD, Richard A 1811 S Broad St Philadelphia PA 19148	IM	GERSHENFELD, MD, Marvin A 1301 W Tabor Rd Philadelphia PA 19141	IM	GLASS, MD, Phillip 6051 Overbrook Ave Philadelphia PA 19131	OBG	GOLDSTEIN, MD, Gary N 410 Gary Lane Cynwyd PA 19044	IM	GRAHAM, MD, Mark G 1918 Wynnefield Terrace Philadelphia PA 19131	IM
GAMBONE, MD, Victor E 2200 S 23rd St Philadelphia PA 19145	FP	GERSHKOFF, MD, Arthur M 4701 Pine St #F13 Philadelphia PA 19143	PM	GLASS, MD, Steven J 1717 Pine St Philadelphia PA 19103	P	GOLDSTEIN, MD, Jerome 10151 Bustleton Ave Philadelphia PA 19118	D	GRANA, MD, Vicente P 4 S Lancaster Ln Newtown PA 18940	TS
GAN, MD, Walter S 8101 Bradford St Philadelphia PA 19152	OPH	GERSTLEY 3RD, MD, Louis Cedarbrook Hill Cm23 Wyncote PA 19095	OBG	GLASSBURN, MD, John R 236 N Broad St Philadelphia PA 19102	R	GOLDSTEIN, MD, Jacob Twnshp Ln-Old Yrk 1 Plz Jenkintown PA 19048	IM	GRASSI, MD, Michael O 2038 Locust St Philadelphia PA 19103	P
GANGULI, MD, Pundalik S 7514 Roosevelt Blvd Aptb Philadelphia PA 19152	AN	GETSON, MD, Maurice 7351 Woodbine Ave Philadelphia PA 19151	IM	GLASSMAN, MD, Solomon 1320 Race St Philadelphia PA 19107	IM	GOLDSTEIN, MD, Norman S 4th St And Nedro Ave Philadelphia PA 19120	FP	GRATZ, DO, Irwin 411 Woodbine Ave Narberth PA 19070	AN
GANIBAN, MD, Justiniano S 7809 Gayl Rd Cheltenham PA 19012	IM	GETTES, MD, Nancy J 2401 Penna Ave Philadelphia PA 19130	IM	GLAUDEL, MD, Stanley F 3001 Hillcrest Rd Drexel Hill PA 19028	FP	GOLDSTEIN, MD, Robert C 1700 Franklin Pky #2305 Philadelphia PA 19103	IM	GRAU, MD, Keith E 603 Maple Lane Flourtown PA 19031	IM
GANSMAN, MD, David H 5500 Wayne Ave Philadelphia PA 19144	FP	GETTY, MD, Thomas B 1035 Holly Tree Rd Abington PA 19001	FP	GLAUSER, MD, Elinor M 630 Richards Rd Wayne PA 19087	IM	GOLDWEIN, MD, Manfred I 3600 Spruce St Philadelphia PA 19104	IM	GRAVES JR, MD, Beverly 1822 W Girard Ave Philadelphia PA 19130	IM

GRAY JR., MD, Frank D 775 Mill Creek Rd Gladwyne PA 19035	IM	GRUNT, MD, Richard F 1429 S Fifth St Philadelphia PA 19147	IM	HAMPTON, MD, Janet A 441 Lyceum Ave Philadelphia PA 19128	IM	HELDRICH, MD, Martin Univ Qt Md Hosp Baltimore MD 21201	AN	HODGENS, MD, Helen L 86 York St Bridgeport NJ 08302	US
GRAY, MD, Frieda G 230 North Broad St Philadelphia PA 19102	IM	GUERRERO, MD, Juan R 30 N Jefferson Rd Whippany NJ 07981	PD	HAND, MD, John G 1724 Pine St Philadelphia PA 19103	FP	HELWIG JR, MD, John Germantown Hosp Philadelphia PA 19144	IM	HODGES, MD, John H 438 Sabine Avenue Wynnewood PA 19096	IM
GREBER, DO, A Alvin 1331 E Wyoming Ave Philadelphia PA 19124	IM	GUESON, MD, Emerita T 3101 Cottman Ave Philadelphia PA 19149	OBG	HANDLER, MD, Steven D 341h St & Civic Cir Blvd Philadelphia PA 19104	PD	HENDERSON, DO, Carol J 3593 Indian Queen Lane Philadelphia PA 19129	FP	HOERNER, MD, Ralph W Med Arts Bldg Jenkintown PA 19046	IM
GRECO, MD, Toby A 2506 S 20th St Philadelphia PA 19145	OBG	GULLOTTI, MD, Michael J 39 Overbrook Pky Overbrook Hills PA 19151	IM	HANJANI, MD, Parviz 3401 N Broad St Philadelphia PA 19140	OBG	HENDLER, MD, Barry H 1722 Benjamin Dr Ambler PA 19002	FP	HOFFMAN JR, MD, George L 133 S 38th St Philadelphia PA 19104	OBG
GREEN, MD, Robert L 2 Mimosa Cir Lafayette Hls PA 19444	ORS	GUMNIT, MD, Robert Y 1407 Starling Ln Cherry Hill NJ 08003	AN	HANNO, MD, Harold A 2040 W Magna Carta Pl Baton Rouge LA 70815	IM	HENIKOFF, MD, Leo M 925 Greenwood Ave Wyncote PA 19095	PD	HOFFMAN JR, MD, Nicholas F 101 W Maryland Besch Haven NJ 08008	US
GREEN, MD, William 7723 Lycoming Ave Philadelphia PA 19126	FP	GUPTA, MD, Ved P Albert Einstein Med Ctr Philadelphia PA 19141	IM	HANSON JR, MD, C William 3400 Spruce St Philadelphia PA 19104	IM	HENNESSY JR, MD, Vincent L 222 Lankensum Med Bldg Philadelphia PA 19151	TS	HOFFMAN, MD, Bruce I 184 Summit Lane Bala Cynwyd PA 19004	IM
GREENBAUM, MD, Charles H 10125 Verree Rd Ste 303 Philadelphia PA 19118	D	GURKAYNAK, MD, Necmi 7600 Lexington Ave Philadelphia PA 19152	IM	HARKINS, MD, Herbert P Lankenau Med Bldg Philadelphia PA 19151	OTO	HERBISON, MD, Gerald J 185 Woodstock Villanova PA 19085	PRM	HOFFMAN, MD, J David 2050 Locust St Philadelphia PA 19103	ORS
GREENBERG, MD, Harry H 2028 Spring Garden St Philadelphia PA 19130	GS	GUTEKUNST, MD, Paul E 255 S 17th St Philadelphia PA 19103	FP	HARLEY, MD, Robison D Wills Eye Hosp Philadelphia PA 19130	OPH	HERBST, MD, Bernsdette A 1830 E High St Pottstown PA 19484	N	HOFFMAN, MD, William S 801 Winford Rd Bryn Mawr PA 19010	GS
GREENBERG, MD, Jack O Episcopal Hosp Philadelphia PA 19125	N	GUTIERREZ, MD, Emmeline P 1290 Valley Rd Meadowbrook PA 19046	IM	HARP, MD, James R 3401 N Broad St Philadelphia PA 19140	AN	HERGESHEIMER, MD, Lester 8215 Cheltenham Ave Philadelphia PA 19118	GS	HOFFMEIER, MD, Charles L 5245 Oxtord Ave Philadelphia PA 19124	OBG
GREENBERG, MD, Leonard F 325 Gribbel Rd Wyncote PA 19095	IM	GUTNICK, MD, Morton 8329 Fairview Rd Elkins Park PA 19117	OBG	HARRELL, MD, Dick D 419 S 19th St Ste 103 Philadelphia PA 19146	IM	HERMAN, MD, Carl D Moss Rehab Hosp Philadelphia PA 19141	P	HOLFELNER, MD, Edward D 95 Lane Of Acres Haddonfield NJ 08033	U
GREENBERG, MD, Marvin S Tabor Med Bldg Philadelphia PA 19141	D	GUTTMANN, MD, Gad G 1335 Tabor Rd Philadelphia PA 19141	ORS	HARRIS, MD, David T Amer Oncologic Hospital Philadelphia PA 19111	IM	HERMAN, MD, Charles W 4401 Conshohocken Ave Philadelphia PA 19131	FP	HOLGADO, MD, Edgardo B 10 Stephens Green Rd Glen Mills PA 19342	AN
GREENBERG, MD, Steven J 532 Devereaux St Philadelphia PA 19111	OBG	GUZZO, MD, Carl P 20 Worthington Ave Spring Lake NJ 07782	CRS	HARRIS, MD, James S Suite 108 668 E Penn St Philadelphia PA 19144	GS	HERMAN, MD, Harry 203 8th St Beach Haven NJ 08008	FP	HOLLAND, MD, Baxter C 1725 Willow Grove Ave Laverock PA 19118	PD
GREENE, MD, Donald H Oxford And Borbeck Aves Philadelphia PA 19111	ORS	HAASE, MD, Gunter R Pa Hosp 8th & Spruce Philadelphia PA 19107	N	HARTSHORN, MD, Mary A 2300 Hanover Dr Lansing MI 48910	P	HERMAN, MD, Harold 803 Preston Rd Philadelphia PA 19118	GS	HOLLANDER, MD, Bentley A 1017 Dell Dr Cherry Hill NJ 08003	R
GREENE, MD, Lloyd B 328 S 19th St Philadelphia PA 19103	U	HAAZ, MD, William S 2100 Wallingford Circle Hatboro PA 19040	IM	HARTZELL, MD, Dwight J 8th & Delancey Place Philadelphia PA 19107	IM	HERMAN, MD, Jerry H 7310 Castor Ave Philadelphia PA 19152	OBG	HOLLANDER, MD, Joseph L 3400 Spruce St Philadelphia PA 19104	IM
GREENE, MD, Ronald B 1522 Knox Rd Wynnewood PA 19096	ORS	HABBOUSHE, MD, Fawzi P 1229 Waverly Rd Gladwyne PA 19035	GS	HARVEY, MD, Edith E Hilltop & Wyndale Rd Jenkintown PA 19046	OPH	HERMAN, MD, Marianne 2001 Hamilton St 17K Philadelphia PA 19130	IM	HOLLINGSWORTH, MD, Norman B Aemc Anes Assoc Philadelphia PA 19141	AN
GREENFIELD, MD, Samuel L 2500 Bk Olv Cb21-103 Delray Bch FL 33445	IM	HADDEN, MD, Samuel B 946 Remington Rd Wynawood PA 19096	P	HARWICK, MD, Robert D 3401 N Broad St Philadelphia PA 19140	GS	HERMAN, MD, Walter M 275 N Latches Ln Merion PA 19068	IM	HOLROYDE, MD, Christopher P Lankenau Hosp Philadelphia PA 19151	IM
GREENFIELD, MD, Val S 5001 Frankford Ave Philadelphia PA 19124	US	HADI, MD, Fereydoon 7219 Dockside La Columbia MD 21045	AN	HASBUN, MD, Franklyn A 1210 Brace Rd Cherry Hill NJ 08034	GS	HERMANN, MD, George A Presbyterian Hosp Philadelphia PA 19104	PTH	HOLT, MD, William E 4524 Forest Park Blvd St Louis MO 83108	P
GREENSPAN, MD, Allan M 2125 Delancey Place Philadelphia PA 19103	IM	HAEBERLE, MD, William A 4126 Decatur St Philadelphia PA 19136	IM	HASKELL, MD, Benjamin 1427 Spruce St Philadelphia PA 19102	CRS	HEROLD, MD, Santord L 1330 Grenox Rd Wynnewood PA 19096	IM	HOLUB II, MD, Edward J 9001 Ridge Ave Philadelphia PA 19128	EM
GREENSTEIN, MD, Sidney Benson East Ste A-8 Jenkintown PA 19048	IM	HAEGELE, MD, Linda A 3900 Ford Rd Philadelphia PA 19131	IM	HASKIN, MD, Marvin E 509 Spruce St Philadelphia PA 19108	R	HERREIRA, MD, Anibal F 3910 Powelton Ave 204 Philadelphia PA 19104	IM	HONG, MD, Keumsoon 8815 Germantown Ave Philadelphia PA 19118	OBG
GREENWALD, MD, Earl F 230 N Broad St Philadelphia PA 19102	OBG	HAENTZE, MD, Frederick E 47 Township Line Rd Harleysville PA 19438	PTH	HATLEY, MD, Walter F 1011 N Randolph St Philadelphia PA 19123	PD	HERRING, MD, Allen B 2733 Taunton St Philadelphia PA 19152	IM	HONG, MD, Sunwha 4115 Presidential Dr Lafayette Hill PA 19444	OBG
GREENWALD, MD, Stanley M 3927 Patrician Dr Philadelphia PA 19154	FP	HAGAN JR, MD, Eugene P 3597 Cranberry Dr Huntingdn Vly PA 19006	OBG	HAUPT, MD, George J 233 Lankenau Med Bldg Philadelphia PA 19151	GS	HERRING, MD, William 1385 Dogwood La Huntingdn Vly PA 19006	R	HONIGMAN, MD, Fredric H 211 Winding Way Merion PA 19068	PTH
GREGG, MD, John R 415 S 19th St Philadelphia PA 19146	ORS	HAGSTROM, MD, Ruth M 1500 Spring Garden St Philadelphia PA 19101	PRM	HAUT, MD, Michael J Penn Hosp Preston 713 Philadelphia PA 19107	IM	HERRON JR, MD, James R 1055 Haddon Ave Collingswood NJ 08108	OBG	HONISH, MD, Robert L 301 E 8th St Philadelphia PA 19107	IM
GRIESBACK, DO, Russell 13 Dunburton Rd Cherry Hill NJ 08003	IM	HAHN, MD, George A 255 S 17th St Philadelphia PA 19103	OBG	HAVENS JR, MD, Walter P 139 Cheswood Lane Haverford PA 19041	IM	HERSCHMANN, MD, Katharine 3700 Country Club Rd Philadelphia PA 19131	FP	HORAN, MD, Charles A 1124 Signal Hill La Berwyn PA 19132	IM
GRIFFITH, MD, Charles O 1789 Washington Ln Meadowbrook PA 19046	PTH	HAIMOWITZ, MD, Samuel I 1 Gardenia Rd Levittown PA 19057	IM	HAWKINS, MD, Theodore F 5253 Spruce St Philadelphia PA 19139	OBG	HERZOG, MD, Robert S 7607 Leonard St Philadelphia PA 19152	IM	HORAN, MD, Gerald W Marple Newton Med Bldg Newtown Square PA 19073	OPH
GRIFFITH, MD, John R 1015 Chestnut St Philadelphia PA 19107	IM	HAIN, MD, Su C 1420 Locust St 281 Philadelphia PA 19102	IM	HAWTHORNE, MD, Herbert R 3625 Darby Rd Bryn Mawr PA 19010	GS	HESKEL, MD, Milton M 1335 Tabor Rd Philadelphia PA 19141	OS	HORNER, MD, George J 717 Old Eagle School Rd Wyspe PA 19087	IM
GRIFFITH, MD, Reynold S 517 Conshohocken St Rd Gladwyne PA 19035	IM	HAKI, MD, Hadi I 8400 Lindbergh Blvd 306 Philadelphia PA 19153	TS	HAYES JR, MD, Martin F The Philadelphia 2C45 Philadelphia PA 19130	GS	HESSION, MD, Henry M 2932 So 72 St Philadelphia PA 19153	FP	HOROWITZ, DO, Gary R Aemc Northern Div Philadelphia PA 19141	N
GRISKA, MD, Joel A 1021 Bryn Mawr Ave Narberth PA 19072	IM	HALL, MD, Daniel A 8202 Stenton Ave Philadelphia PA 19118	ADM	HAYES, MD, Brian L 2114 Packard Ave Huntingdon Vly PA 19008	IM	HEYL, MD, W Meredith 1107 Bethlehem Pike Flourtown PA 19031	OBG	HORVATH, MD, Ronald J 813 Bethlehem Pike Philadelphia PA 19118	ORS
GRISKA, MD, Linda A 1021 Bryn Mawr Ave Narberth PA 19072	R	HALL, MD, John H Temple U 3401 N Broad Philadelphia PA 19140	TS	HAYES, MD, George T 3720 Sydenham St Philadelphia PA 19140	IM	HICKEY, MD, John S 3358 Diaston St Philadelphia PA 19149	FP	HOULE, MD, Laurent B 8818 Verbana St Philadelphia PA 19126	U
GROFE, MD, Jerrold G 2200 Franklin Pkwy-09 Philadelphia PA 19130	P	HALLETT, MD, Joseph W 136 S 16th St Philadelphia PA 19102	OPH	HAYES, MD, Martin F 8213 Frankford Ave Philadelphia PA 19135	P	HICKS, MD, John T 866 E Penn St Ste 211 Philadelphia PA 19144	IM	HOUSE, MD, Benjamin 8701 Castor Ave Philadelphia PA 19149	FP
GROSH, MD, Julieta D 3401 N Broad St Philadelphia PA 19140	GS	HALPERN, MD, Barry R 1210 Gainsboro Rd Bala Cynwyd PA 19004	U	HAYLLAR, MD, Benjamin L 530 Scott Rd Gladwyne PA 19035	U	HINEBAUGH JR, MD, Mahlon C 5100 Fillmore Ave Alexandria VA 22311	OBG	HOUSEL, MD, Edmund L 255 S 17th St Philadelphia PA 19103	IM
GROSS, MD, Benjamin A 304 S 19th St Philadelphia PA 19103	D	HAMANN, MD, Jose G 1160 Rydal Ln Southampton PA 18966	P	HECKLIN, MD, Oscar B 1305 W Tabor Rd Philadelphia PA 19141	ORS	HIRSH, MD, Bernard C 8218 Nathan Hale Ct Bensalem PA 19020	D	HOUSER, MD, L Murray Pennsylvania Hosp Philadelphia PA 19107	R
GROSS, MD, Jeffrey B 2754 W Country Club Rd Philadelphia PA 19131	AN	HAMDI, MD, Louise O 2004 Delancy Pl Philadelphia PA 19103	P	HEDGES JR, MD, Thomas R 8th And Spruce St Philadelphia PA 19107	OPH	HIRSH, MD, Herman 1819 N 72nd St Philadelphia PA 19151	P	HOYER, MD, Paul J 1206 Rodman St Apt 31 Philadelphia PA 19147	PTH
GROSS, MD, Paul R 718 Spruce St Philadelphia PA 19106	D	HAMILTON, MD, Angie S 6900 Wayne Ave Philadelphia PA 19119	US	HEIM, MD, Oscar E Black Hawk Apts I-3 Downingtown PA 19335	US	HIRSH, MD, Leonard F 15th St & Upland Ave Chester PA 19013	NS	HUBBARD, MD, John P 829 Black Rock Rd Gladwyne PA 19035	U
GROSSMAN, MD, Eric J Oak Hill Ests 14A Narberth PA 19072	AN	HAMILTON, MD, Ralph W Ravdin Inst 3400 Spruce Philadelphia PA 19104	PS	HEIMAN, MD, Donald F Germantown Hosp Philadelphia PA 19144	IM	HIRSH, MD, Robert A 241 Indian Creek Rd Philadelphia PA 19151	AN	HUGHES, MD, Boland 419 Hillbrook Rd Bryn Mawr PA 19010	U
GROSSMAN, MD, Gilbert Twnshp Ln-Old York 1 Plz Jenkintown PA 19046	IM	HAMILTON, MD, William C Lankenau Med Bldg 201 Philadelphia PA 19151	ORS	HEINE, MD, William I 5579 N Park Ave Philadelphia PA 19141	IM	HIRSH, MD, Steven L 1244 Ft Washington Ave Ft Washington PA 19034	R	HUGHES, MD, Eugene P 8815 Germantown Ave Philadelphia PA 19118	GS
GROSSMAN, MD, Joseph N C/O K Brand 141 Baker Hl Great Neck NY 11023	FP	HAMILTON, MD, William L 5501 Greene St Philadelphia PA 19144	D	HEINKEL, MD, Howard F 1919 Solly Ave Philadelphia PA 19152	IM	HIRST, MD, John C 2018 Rittenhouse Sq Philadelphia PA 19103	OBG	HUGHES, MD, Joseph F 111 N 49th St Philadelphia PA 19139	P
GROTZINGER, MD, Paul J 2121 Valley Rd Huntingdon Vly PA 19006	GS	HAMMER, MD, William J 3401 N Broad St Philadelphia PA 19140	IM	HELLER, MD, Alvin G 1309 Centennial Rd Penn Valley PA 19072	IM	HNELESKI, MD, Ignatius S 800 S 48th St Philadelphia PA 19143	IM	HULNICK, MD, Stuart J 2600 N Lawrence St Philadelphia PA 19133	PS
GROVE, MD, Daniel D 5025 N Mervine St Philadelphia PA 19141	AN	HAMMERMAN, MD, Steven 1942 Lombard St Philadelphia PA 19146	P	HELLER, MD, Melvin S 2 Schiller Ave Narberth PA 19072	P	HOCHBERG, MD, Robert D 1835 S Broad St Philadelphia PA 19148	R	HUME, MD, Eric L Washington Sq S Apt 205 Philadelphia PA 19106	GS
GRUBER, MD, Heinz K 8827 Norwood Ave Philadelphia PA 19116	OBG	HAMPEL, MD, Avraham 1010 Old Ford Rd Huntingdon Valley PA 19006	OTO	HELLER, MD, Robert S 1316 W Turkey La Phoenix AZ 65013	AN	HODES, MD, Philip J 609 Ocean Dr Key Biscayne FL 33149	R	HUNDLEY, MD, J Warren 600 Oxtord Rd Bala Cynwyd PA 19004	IM

HUNT JR, MD, Wm T 513 Parkview Dr Wynnewood PA 19096	OPH	JARVIS, MD, F Wayne 200 N Wynnewood Ave Lower Merion PA 19098	FP	KANTER, MD, Frenk J 631 E Allegheny Ave Philadelphia PA 19134	FP	KATZ, MD, Jenice D 2212 N Stoneridge Ln Villanova PA 19085	FP	KESSLER, MD, Arnold S 2311 Cottman Ave Philadelphia PA 19149	OBG
HUNTER, MD, James M 901 Walnut St Philadelphia PA 19107	GS	JARYMOVYCH, MD, Jeroslew I 230 Berclay Circle Cheltenham PA 19012	IM	KAPCAR, MD, Andrew J 15 Greenwood Dr Mountaintop PA 18707	PTH	KATZ, MD, Mex 255 S 17th St Philadelphia PA 19103	P	KETTRICK, MD, Robert G One Childrens Ctr Philadelphia PA 19104	AN
HUPPERT, MD, Leonore C Med Coll Of Pa Philadelphia PA 19129	OBG	JAURIGUE, MD, Venerendo G 1917 Nicholas Dr Huntingdn Vly PA 19006	GS	KAPLAN, DO, Daniel B 3944 Conshohocken Ave Philadelphia PA 19131	IM	KATZ, MD, M Richard 1335 W Tebor Rd Philadelphia PA 19141	NS	KEYES, MD, Beldwin L 809 Wynnewood Plaza Wynnewood PA 19096	P
HUREWITZ, MD, Sylven J 1723 Ridgeway Rd Havertown PA 19083	IM	JELEN, MD, Joseph A 4403 Comly St Philadelphia PA 19135	FP	KAPLAN, MD, Albert J 3434 N E 42nd St #303 Jensen Bch FL 33457	P	KATZ, MD, Richard I A E M C-Dept Neurology Philadelphia PA 19141	N	KHAN, MD, Abu 5200 Med Bld 870 N 52 St Philadelphia PA 19131	PD
HURLOCK, MD, Joan E Roxboro Mem Hosp Philadelphia PA 19128	FP	JENKINS, MD, B Wheeler 115 E 14th St Beach Haven NJ 08008	FP	KAPLAN, MD, Bernerd 8100 Charles St Philadelphia PA 19135	OBG	KATZ, MD, Sheila M Hahnemann Med College Philadelphia PA 19102	PTH	KHAN, MD, Oedar 2239 Deer Path Rd Huntingdn Vly PA 19006	IM
HURWITZ, MD, Abraham 1018 Fairmont Ave Philadelphia PA 19123	FP	JENOFISKY, MD, Jeck 215 4th Ave Hadden Hgts NJ 08035	OBG	KAPLAN, MD, Elizabeth B Abey Delrey N Bldg 9-319 Delray FL 33445	P	KATZ, MD, Warren A 1335 W Tebor Rd 302 Philadelphia PA 19141	IM	KHANNA, MD, Chancal 1784 Terrace Dr Meple Glen PA 19002	PTH
HUTH, MD, Edward J 4200 Pine St Philadelphia PA 19104	IM	JOHNSON JR, MD, Howard J 127 Linden Ave Rutledge PA 19070	PRM	KAPLAN, MD, Glenn S 297 Birch Dr Lafayette Hill PA 19444	PD	KATZEN, MD, Raymond 1940 E Welnul Lene Philadelphia PA 19138	R	KHANNA, MD, Om P 230 N Broad St Philadelphia PA 19102	U
HYATT, MD, Robert W Episcopal Hosp Philadelphia PA 19125	OBG	JOHNSON, MD, Bennett L P O Box 8 Glenside PA 19038	D	KAPLAN, MD, Louis 1204 Greentree Lane Narberth PA 19072	GS	KATZMAN, MD, Jeffrey I 1100 West Valley Rd Wayne PA 19087	OPH	KHANTHAN, MD, Subremenem E 106 Susan Dr #3 Elkins Perk PA 19117	AN
HYETT, MD, Marvin R 255 17th St Med Twr Bldg Philadelphia PA 19103	OBG	JOHNSON, MD, Don E 111 N 49th St Philadelphia PA 19139	P	KAPLAN, MD, S Richard 419 S 19th St Philadelphia PA 19146	ORS	KAUFFMAN, MD, Abraham L 3024 Richmond St Philadelphia PA 19134	FP	KHELLA, MD, Lewis 45 Ld Gulph Rd Gladwyne PA 19035	PM
HYMAN, MD, Harold L 3401 N Broed St Philadelphia PA 19140	IM	JOHNSON, MD, Robert G 901 E. Rancho Lane Las Vegas NV 89106	GS	KAPLOW, MD, Gwen H 271 S 3rd St Philadelphia PA 19106	OBG	KAUFFMAN, MD, Leon A 1930 Pine Street Philadelphia PA 19103	IM	KHOURY, MD, Dennis J 5001 Franklord Ave Philadelphia PA 19124	OPH
IAIA, MD, Bert D 1811 S Broed St Philadelphia PA 19148	TS	JOHNSON, MD, Thomas A 1245 Higlend Med Bldg #1 Abington PA 19001	IM	KARAFIN, MD, Lester 3300 Henry Ave Philadelphia PA 19129	U	KAUFMAN, MD, Abrehem S Cadbrook Hill Ili C804 Wyncote PA 19095	FP	KIM, MD, Ikjin 1933 Owl Court Cherry Hill NJ 08003	IM
IDICULLA, MD, Alexander 597 Hermit St Philadelphia PA 19128	GS	JOHNSON, MD, Weine C 415 S 19th St Philadelphia PA 19146	D	KARAKASHIAN, MD, Nubar A 539 E Allegheny Ave Philadelphia PA 19134	OPH	KAUH, MD, Young C 5800 Ridge Ave Philadelphia PA 19128	D	KIM, MD, Jung S 7901 Rolling Green Rd Cheltenham PA 19012	PD
IDICULLA, MD, Anne A 12th & Tabor Rd Philadelphia PA 19141	PM	JOHNSON, MD, Wm H 97 Fairview Ave Lansdowne PA 19050	FP	KARAMUZ, MD, Joseph E 755 Hellowell Dr Huntingdon Valley PA 19006	IM	KAY, MD, Michael L 130 S 9th St Suite 1430 Philadelphia PA 19107	OPH	KIM, MD, Kwen E 7901 Rolling Green Rd Cheltenham PA 19012	IM
IMMERMAN, MD, Samuel L 3600 Conshohocken Ave Philadelphia PA 19131	US	JOHNSTON, MD, Frenk B 136 S 16th St Philadelphia PA 19102	IM	KARANJIA, MD, Khorshed S 58 W Princeton Rd Bale Cynwyd PA 19004	FP	KAYE, MD, Donald 3300 Henry Ave Philadelphia PA 19129	IM	KIM, MD, Philip Y A E Med Ctr Philadelphia PA 19141	PTH
INGAGLIO, MD, Philip E 1838 S Broed St Philadelphia PA 19145	FP	JOHNSTON, MD, Jean C 433 Howard Rd Gladwyne PA 19035	IM	KARASICK, MD, David T Jefferson U Dept Red Philadelphia PA 19107	R	KEAN, MD, Herbert 220 S 16th St Philadelphia PA 19102	OTO	KIM, MD, Sang B 4115 Presidential Dr Lafayette Hill PA 19444	TS
INGERSOLL, MD, Charles J 153 W Harvey St Philadelphia PA 19144	FP	JOHNSTON, MD, Robert F 230 N Broed St Philadelphia PA 19102	IM	KARASICK, MD, Stephen 3600 Conshohocken Ave Philadelphia PA 19131	IM	KEANE, MD, William M 8th & Spruce Sta Philadelphia PA 19107	OTO	KIM, MD, Yung-Hoon Jeanes Hosp Fox Chase Philadelphia PA 19111	PTH
INOUE, MD, William Y 527 Shoemaker Rd Elkins Park PA 19117	GS	JONES, MD, Noble S 1300 S 18th St Philadelphia PA 19146	IM	KARASICK, MD, Sheldon R Aemc York-Tabor Rds Rad Philadelphia PA 19141	IM	KEATES, MD, Edwin U 1 Abington Plaza Jenkintown PA 19048	OPH	KIM, MD, Young N 7931 Green Lane Wyncote PA 19095	IM
IRANI, MD, Roshen N 1015 Walnut St Philadelphia PA 19107	US	JORGENSEN, MD, Velerie Penna Hosp Philadelphia PA 19107	OBG	KARAYANNIS, MD, Nicholes 6758 Market St Upper Darby PA 19082	R	KEEFE, MD, George P 810 Montgomery School Ln Wynnewood PA 19096	R	KIM, MD, Yong S 14 Terrace Rd Norristown PA 19401	AN
ISAACSON, MD, Howard 7348 Drexel Rd Philadelphia PA 19151	OBG	JOSHI, MD, Harendre V 320 House Hill Huntingdon Vly PA 19006	GS	KARETAS, MD, Alexandra I 309 Longfield Rd Philadelphia PA 19118	AN	KEELY, MD, Elizabeth S 608 E Getes St Philadelphia PA 19128	OBG	KIMBIRIS, MD, Demetrios G 230 N Broed St Philadelphia PA 19102	IM
ISACKSON, MD, Ronald D 3300 Henry Ave Box 71 Philadelphia PA 19129	ORS	JOSHI, MD, Kundabala S 8684 Beltry Dr Philadelphia PA 19128	PD	KARMILOWICZ, MD, N Peter 291 Penncrest St Langhorne PA 19047	GS	KEISER, MD, Leater 401 Poinciana Dr Hallandale FL 33009	P	KIMMEL, MD, Murrey H 1723 Old Welsh Rd Huntingdon Vly PA 19008	U
ISARD, MD, Harold J York & Tabor Rds Philadelphia PA 19141	R	JOSON, MD, Raymond M 409 Mc Clatchy Bldg Upper Darby PA 19082	NS	KARP, MD, Joseph S 202 N Bowman Ave Merion PA 19068	OPH	KEISERMAN, MD, Joseph 1900 Kennedy Bvd Ap 1024 Philadelphia PA 19103	IM	KIMMELMAN, MD, Charles P 3400 Spruce St Philadelphia PA 19104	OTO
ISDANER, MD, Neil L 282 Birch Dr Lafayette Hill PA 19444	OBG	JOYCE 3RD, MD, John J 668 E Penn St Philadelphia PA 19144	ORS	KARP, MD, Louis A 301 S 8th St Philadelphia PA 19107	OPH	KELLER, MD, Earl B W Hill Farm Burlington Twp NJ 08018	PTH	KING, MD, Jane T Moss Rehab Hospital Philadelphia PA 19141	PM
ISRAEL, MD, Herold L 111 S 11th St Philadelphia PA 19107	IM	JUNEJA, MD, Damyenti 1314 Bobern Dr Penn Valley PA 19072	FP	KASDIN, MD, Sheron L 1212 Lenox Rd Jenkintown PA 19048	FP	KELLER, MD, Frederick E Box 13 Dublin PA 18917	US	KING, MD, Lorraine C 515 Brian Dr Cherry Hill N J 08003	OBG
ITKIN, MD, Irving H Hahnemann Hosp Philadelphia PA 19102	IM	JUNEJA, MD, Ish K 1314 Bobern Drive Penn Valley PA 19072	IM	KASE, MD, Wm A 645 E Allegheny Ave Philadelphia PA 19134	P	KELLERMAN, MD, Edwin 801 S Bowmen Ave Wynnewood PA 19096	IM	KING, MD, Lois I 8840 Germantown Ave Philadelphia PA 19118	R
IZZO, MD, Kenneth L 109 Hilldale Rd Cheltenham PA 19012	PM	JUNG, MD, Hai R 938 W Godfrey Ave Philadelphia PA 19141	OPH	KASEFF, MD, Leon G 1783 El-Camino Real Burlingame CA 94010	R	KELLOW, MD, Wm F Jefferson Med Coll Philadelphia PA 19107	IM	KING, MD, Orville C 8022 Roenoke St Philadelphia PA 19118	GS
JACOBS, MD, E Gardner 111 N 49th St Philadelphia PA 19139	P	KAHN, MD, Bernerd L 1320 W Sommerville Ave Philadelphia PA 19141	US	KASHATUS, MD, Wm C P O Box M Kng Ol Pruss PA 19406	PTH	KELLY, MD, Habib R 8112 Torresdale Ave Philadelphia PA 19135	U	KIRBER, MD, H Peter 9 Weterman Ave Philadelphia PA 19118	OPH
JACOBS, MD, Joseph A 3910 Fowellton Ave Philadelphia PA 19104	U	KAHN, MD, Donald L 575 Applewood Dr Ft Washington PA 19034	IM	KASPARIAN, MD, Hratch 14 Scattergood Rd Cherry Hill NJ 08034	IM	KELLY, MD, Herbert T 1520 Spruce St Ste 107 Philadelphia PA 19102	IM	KIRKWOOD, MD, R Gerth Jefferson Univ Ste 220 Philadelphia PA 19107	IM
JACOBS, MD, Stenley R 11th & Walnut St Philadelphia PA 19107	PRM	KAHN, MD, Hyman R 1149 Westbury Rd Jenkintown PA 19046	IM	KASSER, MD, Max D 101 S 20th St Philadelphia PA 19103	OPH	KELLY, MD, Wm E 159 Woodgate Lane Paoli PA 19301	OS	KIRSCHNER, MD, Robert J 437 Wyldheaven Rd Rosemont PA 19010	OPH
JACOBY, MD, Jay 1025 Walnut St Philadelphia PA 19107	AN	KAHN, MD, Sigmund B 324 Surry Rd Cherry Hill NJ 08034	IM	KATALAN, MD, Maurice M 2801 S Bouvier St Philadelphia PA 19145	IM	KELVIN, MD, Carl B 1003 N Easton Willow Grove PA 19090	FP	KIRSHBAUM, MD, Bernard A D-128 Presidentiel Apt Philadelphia PA 19131	D
JAFFARI, MD, Mohammed 213 Greendale Rd Philadelphia PA 19154	PM	KAJANI, MD, Mehdi K 8232 Fairview Rd Elkins Park PA 19117	IM	KATES, MD, Malcolm 2301 S Broed St Philadelphia PA 19148	IM	KENDALL, MD, A Richard 3401 N Broed St Philadelphia PA 19140	U	KIRSHBAUM, MD, Gary R Oak Hill A N-101 Penn Valley PA 19072	P
JAFFE, DDS, Michael L 8 Foxcroft Crt W Berlin NJ 08091	AN	KALISH, MD, Robert W 8812 Hewthorn Ln Wyndmoor PA 19118	P	KATIN, MD, Michael J 10 Rocklend Dr Willingsboro NJ 08046	IM	KENDALL, MD, Benjamin 111 S 11th St Ste 8102 Philadelphia PA 19107	OBG	KIRSHNER, MD, Jacob J 1930 Chestnut St Philadelphia PA 19103	IM
JAFFE, MD, Beryl 1 Belmont Ave Bale-Cynwyd PA 19004	P	KALLISH, MD, Marvin N Front & Lehigh Ste C105 Philadelphia PA 19125	ORS	KATOWITZ, MD, James A Hosp 1 Childrens Ctr Philadelphia PA 19104	OPH	KENET, MD, David S 111 Pine St Philadelphia PA 19108	OTO	KISTENMACHER, MD, John C 666E Penn St Philadelphia PA 19144	GS
JAFFE, MD, Marvin E 2100 Peckard Ave Huntingdn Vly PA 19006	N	KALODNER, MD, Allred L 519 Sprague Rd Narberth PA 19072	OBG	KATZ, MD, Albert B 345 E Wyoming Ave Philadelphia PA 19120	IM	KENNEDY JR, MD, Cerl H Ste 107 Franklord Hoap Philadelphia PA 19124	OBG	KITEL, MD, Milton N 2243 S 9th St Philadelphia PA 19148	FP
JAHANGER, MD, Mohammad S 34 Bryant Rd Turnersville NJ 08012	OBG	KAMBIN, MD, Parviz 2027 Pine St Philadelphia PA 19103	ORS	KATZ, MD, Alan S 314 Cottmen St Jenkintown PA 19046	IM	KENT, MD, George L 230 N Broad St Philadelphia PA 19102	OBG	KIVULS, MD, Juris 804 Spruce Lane Villanova PA 19085	GS
JALBUENA, MD, Robert C 3723 Bonsell Ave Draxel Hill PA 19026	OPH	KAMDAR, MD, Jayant C 3598 Brookview Rd Philadelphia PA 19154	FP	KATZ, MD, Benjamin R 17 Henley Rd Philadelphia PA 19151	US	KEOHANE, MD, Richard B 20 Feriston Rd Wayne PA 19087	R	KLEIN, MD, Dorothy E 26 Euston Rd New York NY 11530	PD
JAN, MD, Rehene A 415 Garrison Way Gulph Mills PA 19428	AN	KAMRIN, MD, Robert P 1078 W Baltimore Pike Media PA 19063	NS	KATZ, MD, G Henry Dunwoody Village Newtown Sq PA 19073	OS	KEOSATHIT, MD, Nerong 1900 Spruce St Philadelphia PA 19103	TS	KLEIN, MD, Sheldon 10125 Verree Rd Ste 301 Philadelphia PA 19118	FP
JAN, MD, Ronald S 2222 S Broed St Philadelphia PA 19145	GS	KANIS, MD, Myron L 80 E Twnship Rd Elkins Park PA 19117	AN	KATZ, MD, Irving M 307 Dorsett Court Doylestown PA 18901	OPH	KERN, MD, Franklin M 404 S Oakhill Apts Penn Valley PA 19072	OBG	KLEINBART, MD, Morris 3800 Conshohocken Ave Philadelphia PA 19131	IM
JANKOWSKI, MD, Richard 275 Bryn Mewr Ave #F-13 Bryn Mawr PA 19010	R	KANNANGARA, MD, Yogeswary 384 Beaver Hollow Rd Jenkintown PA 19046	AN	KATZ, MD, Julien 555 City Line Ave Bale Cynwyd PA 19004	IM	KERN, MD, Richard A 1239 Remington Rd Wynnewood PA 19098	IM	KLEINER, MD, Henry T Presidentiel Apts Philadelphia PA 19131	P
JARELL, MD, Bruce E 8101 St Martins Lane Philadelphia PA 19118	GS	KANNAPEL, MD, Allan R 5100 Township Line Rd Drexel Hill PA 19028	OBG	KATZ, MD, Jacob 1801 Walnut St Ste 325 Philadelphia PA 19103	OPH	KESILMAN, MD, Morris Kennedy House Apt B315 Wyncote PA 19095	IM	KLEINER, MD, Jack 7914 Heater Rd Philadelphia PA 19117	P

KUGERMAN, MD, Morton M 2313 Delancey Place Philadelphia PA 19103	R	KRAFT JR, MD, Albert J 9427 Stenton Ave Phile PA 19118	IM	KYLE, MD, G Clayton Univ Po 212 Maloney Bldg Philadelphia PA 19104	IM	LAVAN, MD, Donald W 1420 Locust St Ste 100 Philadelphia PA 19102	IM	LEMMON JR, MD, William T 102 Tanglewood Dr Lanadale PA 19446	GS
KUGMAN, MD, Albert M 36th & Hemiton Welk Philadelphia PA 19104	D	KRALL, MD, Robert A 430 Eaet 87th St New York NY 10021	PTH	LABE, MD, Alexander 60 E Township Line Elkina Park PA 19117	GS	LAVERAN STIEBER, MD, Rudolf F 111 N 49th St Philadelphia PA 19139	P	LEMMON, MD, William M 1320 Race St Philadelphia PA 19107	TS
KLINGSMITH, MD, Welter C 300 E Lancaster Ave Wynnewood PA 19096	IM	KRAMER, MD, Frederick L 7 Worthington Drive Media PA 19063	R	LABORDA, MD, Oacer E 3910 Powelton Ave #204 Philadelphia PA 19104	IM	LAVIN, DO, Edwin 11803 Bustleton Ave Philadelphia PA 19118	US	LEMOLE, MD, Gerald M 3910 Powelton Ave 206 Philadelphia PA 19104	TS
KLINGES JR, MD, Henry G 2951 Levick St Philadelphia PA 19149	FP	KRAMER, MD, Mark S A E M C York Tebor Rds Philadelphia PA 19141	IM	LACHMAN, MD, John W 1907 Montgomery Ave Villanova PA 19085	ORS	LAVIN, MD, Morria 3701 Conahohocken Ave Philadelphia PA 19131	IM	LEMON, MD, Arden N 1801 Gethe Dr Sen Luis Obispo CA 93401	OTO
KLINGHOFFER, MD, June F 3300 Henry Ave Philadelphia PA 19129	IM	KRAMER, MD, Selma 3902 Netherfield Rd Philadelphia PA 19129	P	LACHMAN, MD, Merfin J 5th & Reed Sta Philadelphia PA 19147	R	LAVIN-LESKA, MD, Linda S 230 N Broed St Box 435 Philadelphia PA 19102	PTH	LENTZ, MD, John W 3111 W Coulter St Philadelphia PA 19129	D
KLINGHOFFER, MD, Leonerd 255 S 17th St Philadelphia PA 19103	ORS	KRAMER, MD, Simon 2228 Locust St Philadelphia PA 19103	R	LADDEN, MD, Paul A 8818 N American St Philadelphia PA 19128	FP	LAVINE, MD, Robert L 230 North Broad St Philadelphia PA 19102	IM	LEONARD JR, MD, Edward C Roosevelt & Adams Ave Philadelphia PA 19124	P
KLINMAN, MD, Steven W 202 Glen Plece Elkins Park PA 19117	IM	KRANE, MD, Marvin A 1919 Chestnut St Philadelphia PA 19103	OBG	LAFFEY, MD, Patrice A 429 Old Eagle School Rd Wayne PA 19087	R	LAWLOR, MD, John M 511 E Gorgee Lene Philadelphia PA 19119	IM	LEONG, MD, Kee Fong 1255 Werd Ave Yardley PA 19067	FP
KLINMAN, MD, William 3593 Indian Queen Lane Philadelphia PA 19129	IM	KRASNOFF, MD, Sidney O 7900 Old York Rd 114B Elkina Perk PA 19117	IM	LAFOLLETTE JR, MD, Paul S 127 Pelhem Rd Philadelphia PA 19119	FP	LAWRENCE, MD, Jemea B 138 S 16th St Philadelphia PA 19102	P	LEOPOLD, MD, Robert L 3400 Spruce St #189 Philadelphia PA 19104	N
KLOPP, MD, John W 279 Ridgeview Eatetee Harleysville PA 19436	GS	KRAUS, MD, Theodore J 3153 Richmond St Philadelphia PA 19134	FP	LAFONTANT, MD, Raymond F Mose Reheb Hospital Philadelphia PA 19141	PM	LAZARO, MD, Miquela D 11991 Audubon Ave Philadelphia PA 19118	FP	LEOPOLD, MD, Samuel 2222-306 Selwyn Ave Charlotte NC 28207	US
KNEE, DO, Normen S 5103 Whiteker Ave Philadelphia PA 19124	FP	KRAUSE, MD, Jacob 138 S 16th St Philadelphia PA 19102	ORS	LAI, MD, Wai-Ling 131 N 11th St Philadelphia PA 19107	PD	LEAHY, MD, John J 1601 Spring Gdn St Philadelphia PA 19130	AN	LEPAR, MD, Edwin 1040 Kingaley Rd Rydal PA 19048	R
KNOWLES, MD, Henry J 722 Righters Mill Road Narberth PA 19072	GS	KRAUSE, MD, Robert L 7904-B Bustleton Ave Phila PA 19152	IM	LAIBSON, MD, Peter R 445 Mulberry Haverford PA 19041	OPH	LEAR, MD, James L Dept Of N Med Univ Of Ca Los Angeles CA 90024	R	LEARNER, MD, Sidney S 1101 Stratford Ave Philadelphia PA 19126	GS
KODSI, MD, Megdi S 1245 Highland Ave #600 Abington PA 19001	PS	KRAUSS, MD, Jack 2301 S Broad St Merion PA 19148	P	LAMBERT, MD, Robert L Po Box 53 Camp Hill PA 17011	IM	LEARNER, MD, Norman Temple Univ Hosp Philadelphia PA 19140	IM	LESSIG, MD, Henry J Epiacopal Hoap Nu Md Dpt Philadelphia PA 19125	OTO
KOEBERT, MD, Mertin J 1052 Bridge St Philadelphia PA 19124	FP	KRAUSZ, MD, Mertin R 1544 E Cheltenham Ave Philadelphia PA 19124	FP	LAMBERTSEN, MD, Christien J U Of Pa 14 Med Lebs Bldg Philadelphia PA 19104	IM	LEBED, DO, Joel P 311 Birch Dr Lafayetteville PA 19444	OBG	LETO, MD, Franceaco 1419 S Broad St Philadelphia PA 19147	IM
KOFFLER, MD, David Hehnemann Med College Philadelphia PA 19102	PTH	KRAVITZ, MD, Charlea H 1321 W Tabor Rd Philadelphia PA 19141	IM	LAME, MD, Edwin L 29 W Sunset Philadelphia PA 19118	R	LEBERMAN, MD, Paul R 3400 Spruce St Philadelphia PA 19104	U	LEUCCI, MD, Gino 2314 E Allegheny Philadelphia PA 19134	U
KOGAN, MD, Allen J 3941 Donne Dr Huntingdon Valley PA 19006	FP	KREHL, MD, Willerd A 1025 Walnut St Philadelphia PA 19107	IM	LAMPE, MD, William T 238 Street Rd E108 Southampton PA 18966	IM	LEBMAN, MD, Roneld I 3901 Conshohocken Ave Philadelphia PA 19131	GS	LEVENBERG, MD, David Frienda Hospital Philadelphia PA 19124	P
KOHL, MD, E James 913 Heverford Rd Bryn Mawr PA 19010	ORS	KREMENS, MD, Victor 5601 N Broed St Philadelphia PA 19141	R	LANCIANO, MD, Ralph C 225 Bellevue Ave Apt A Haddonfield NJ 08033	OPH	LEBRUN, MD, Andre J 2000 Merket St Philadelphia PA 19103	ADM	LEVENSON, MD, Carl Wyncote House Apt 604 Wyncote PA 19095	PM
KOHLER, MD, Henry J 703 S York Rd Hetboro PA 19040	OPH	KREMER, MD, Howerd U 419 S 19th St Philadelphia PA 19148	IM	LANDSBERG, MD, Merc A 2215 Berwyn Pl Philadelphia PA 19115	OBG	LECKS, MD, Leonerd E Rittenhouee Cleridge Philadelphia PA 19103	IM	LEVICK, MD, Leonerd J 1335 Tebor Rd Philadelphia PA 19141	FP
KOIWAI, MD, Eichl K 230 N Broed St Philadelphia PA 19102	PTH	KREMSKY, MD, Stenton S 6632 Oaklend St Philadelphia PA 19149	R	LANE, MD, Selly D 3127 W Penn St Philadelphia PA 19129	IM	LEDIS, MD, Robert 8124 Buatlleton Ave Philadelphia PA 19149	PRM	LEVICK, MD, Stenley N 1335 W Tebor Rd Philadelphia PA 19141	IM
KOLANSKY, MD, Herold Elkins Park House Elkins Park PA 19117	P	KRENZEL, MD, Archibeld R 191 Presidential Blvd W1 Bala Cynwyd PA 19004	P	LANG, MD, Werren R 1919 Chestnut St Philadelphia PA 19103	PTH	LEE JR, MD, Charles T 33 E Chestnut Hill Ave Philadelphia PA 19118	IM	LEVIN, MD, Andrew J 733 Kings Croft Cherry Hill NJ 08034	OPH
KOLBYE, MD, Merion B 4802 Ft Sumner Dr Betheda MD 20016	OBG	KRESLOFF, MD, Richerd S 900 Haddon Ave Ste 102 Collingswood NJ 08108	OPH	LANGFELD, MD, Stephen B 1025 Walnut St Ste 210 Philadelphia PA 19107	IM	LEE JR, MD, James H 1025 Walnut St Philadelphia PA 19107	OBG	LEVIN, MD, Barry L Greduate Hoap Philadelphia PA 19148	R
KOLTES, MD, John A 530 Spring Lane Philadelphia PA 19128	P	KRESSLER, MD, Robert J 301 S 8th St Philadelphia PA 19106	PD	LANGFITT, MD, Thomas W 3400 Spruce St Philadelphia PA 19104	NS	LEE, MD, Arthur B 7300 Hiole Rd Philadelphia PA 19128	OBG	LEVIN, MD, Joseph F 6737 Herbrion Ave Philadelphia PA 19149	FP
KOMADA, MD, Rudolph A 333 Rocksville Rd Hollend PA 18986	ORS	KRICUN, MD, Morrison E 750 Weadley Rd Kng Ol Pruas PA 19406	R	LANNUTTI, DO, Pel A 201 N 8th St Rm 202 Philadelphia PA 19106	IM	LEE, MD, Bernard L 1413 Juniper Ave Elkins Perk PA 19117	U	LEVIN, MD, John M Epiacopal Hoap Dpt Surg Philadelphia PA 19125	GS
KONDRATOWSKI, MD, Richerd Z 520 Rose Ln Haverford PA 19041	OTO	KRIEGER, MD, Benson 4115 Gypsy Lane Philadelphia PA 19144	FP	LANOCE, MD, Louis F 5817 Henry Ave Philadelphia PA 19128	FP	LEE, MD, Bong S 1930 Chestnut St Philadelphia PA 19103	ORS	LEVIN, MD, Micheel D 8001 Roosevelt Blvd 301 Philadelphia PA 19152	PD
KOOLPE, MD, Hervey A 8228 Westminster Rd Elkina Park PA 19117	R	KRON, MD, Kenneth M Wyncote House Box A Wyncote PA 19095	P	LANSBURY, MD, John 3414 Brae Boun Dr Huntingdn Vly PA 19008	IM	LEE, MD, Henry F 8236 Germertown Ave Philadelphia PA 19118	PD	LEVINE, MD, Arnold H 1307 Rutland Lene Wynnewood PA 19096	R
KOOLPE, MD, Louis Suite 106 Benason Menor Jenkintown PA 19048	IM	KRON, MD, Semuel D 2108 Spruce St Philadelphia PA 19103	GS	LAPAYOWKER, MD, Marc S 3401 N Broed St Philadelphia PA 19140	R	LEE, MD, Kwang W 18 E Oak Dr Voorhees NJ 08043	AN	LEVINE, MD, Semuel 836 Wyncote House Wyncote PA 19095	IM
KOOP, MD, C Everett Childrens Hosp Philadelphia PA 19104	GS	KROSER, MD, Lile S 2855 Welsh Rd Philadelphia PA 19152	FP	LARA, MD, Domingo A 1000 Walnut Apt 900 Philadelphia PA 19107	NS	LEE, MD, Kwan W 818 Childs Ave Drexel Hill PA 19026	PD	LEVINSKY, MD, Welter J 3401 N Broad St Philadelphia PA 19140	R
KOPPEL, MD, Max M 7310 Castor Ave Philadelphia PA 19115	U	KROUNGOLD, MD, Milton L 191 Apta Presidential Bv Bele Cynwyd PA 19004	IM	LARGOZA, MD, Nacienceno T 188 Lenadowne Ave Lanadowne PA 19050	IM	LEE, MD, Roten 804 Heverford Rd Bryn Mewr PA 19010	FP	LEVISON, MD, Sandre P 3300 Henry Ave Philadelphia PA 19129	IM
KOPROWSKA, MD, Irene 3401 N Broad St Philadelphia PA 19140	PTH	KRZYWICKI, MD, Peul L 3914 Grant Ave Philadelphia PA 19114	FP	LAROSSA, MD, Doneto D 3400 Spruce St Philadelphia PA 19104	PS	LEE, MD, Seung H 750 E Adema St Suny Ctr Syracuse NY 13210	R	LEVIT, MD, Edithe J 3930 Chestnut St Philadelphia PA 19104	US
KOPROWSKI, MD, Hilary 36th & Spruce St Philadelphia PA 19104	OS	KUBER, MD, Matthew E 1534 Huntingdon Pike Huntingdn Vly PA 19006	IM	LASALVIA, MD, Lucy A 3001 W Queen Ln Philadelphia PA 19129	OBG	LEEGARD, MD, Robert L 2601 Holme Ave Philadelphia PA 19152	AN	LEVIT, MD, Semuel M 1910 Spruce St Philadelphia PA 19103	IM
KORENTZWITT, MD, Edith 7 Surrey Rd Philadelphia PA 19128	FP	KUBIAK, MD, Richerd V 8407 Buatlleton Ave Philadelphia PA 19152	ORS	LASKIN, MD, laedore 255 S 17th St Ste 1010 Philadelphia PA 19103	IM	LEFKOE, MD, Roy T 228 W Rittenhae Sq 2412 Philadelphia PA 19103	ORS	LEVY, MD, Frenk D 7713 Hertel St Philadelphia PA 19152	FP
KOREY, MD, Joseph J 2504 E Allegheny Ave Philadelphia PA 19134	GS	KUMAR, MD, Veerendra 801 W Cheltem Ave Philadelphia PA 19128	IM	LATOUR, MD, Frentz 51 N 39th St Philadelphia PA 19104	PTH	LEFTON, MD, Hervey B 555 City Line Ave Bela Cynwyd PA 19004	IM	LEVY, MD, Welter M 7800 Central Ave Philadelphia PA 19111	PTH
KOSTIANOVSKY, MD, Mery 1020 Locuat St Rm 251 Philadelphia PA 19107	PTH	KUMAR, MD, Vasentha R 5049 Oxford Ave Philadelphia PA 19124	NS	LATOUR, MD, Merie G 8th & Spruce St Philadelphia PA 19107	R	LEHMAN, MD, Edwerd D 9549 Milnor St Philadelphia PA 19114	OBG	LEWINN, MD, Edward B Upr Black Eddy PA 18972	IM
KOTAKIS, MD, John 111 N Lanadowne Ave Lanadowne PA 19050	IM	KUNSZABO, MD, Istvan S 2573 Orthodox St Philadelphia PA 19137	FP	LAUANDOS, MD, Ibrahim E 1 Deep Dale E Levittown PA 19054	PS	LEHRER, MD, Lewis 40 E Riding Dr Cherry Hill NJ 08003	AN	LEWIS, MD, George C 1025 Walnut St Rm 300 Philadelphia PA 19107	OBG
KOTIN, MD, Edwerd H 209 Indien Creek Rd Philadelphia PA 19151	FP	KURTZ, MD, Altrd B 1231 Wyngate Rd Wynnewood PA 19096	R	LAUBY, MD, Vincent W 3401 N Broed St Philadelphia PA 19140	GS	LEIBFRIED, MD, Jane M 715 E Lancaster Ave Downtown PA 19335	OBG	LEWIS, MD, Alen E 191 Presidential Blvd Bala Cynwyd PA 19004	IM
KOTLER, MD, Morris N 1320 Rece Street Philadelphia PA 19107	IM	KURTZ, MD, J Stephen 717 Bethlehem Pike Philadelphia PA 19118	OBG	LAUCIUS, MD, J Frederick 111 S 11th St Ste 8165 Philadelphia PA 19107	IM	LEICHNER, MD, Thomas J 2211 N Hencock St Philadelphia PA 19133	GS	LEWIS, MD, Daniel W 255 S 17th St Philadelphia PA 19103	IM
KOTLOFF, MD, Leon 1837 S 65th St Philaadelphia PA 19142	FP	KURZ, MD, George H Hunterdon Med Ctr Flemington NJ 08822	OPH	LAUCKS, MD, Stephen O 510 S 3rd St Philadelphia PA 19147	AN	LEIGHTON, MD, Joseph 3300 Henry Avenue Philadelphia PA 19129	PTH	LEWIS, MD, Paul L 521 Beird Rd Merion PA 19066	PTH
KOTWAL, MD, Homi B 230 N Broed St Philadelphia PA 19102	OBG	KUSHNER, MD, Theodore 1949 E Rt 70 Weatord Ctr Cherry Hill NJ 08003	P	LAUFER, MD, Elizabeth U Andorra Shopping Ctr Philadelphia PA 19128	OBG	LEINER, MD, Seymour 1515 Hampton Road Rydal PA 19048	ORS	LEWIS, MD, William D 101 Henes Dr Moorestown NJ 08057	AN
KOUTCHER, MD, Martin E 2301 S Broed St Philadelphia PA 19148	IM	KUTTY, MD, Ahmed C Graduete Med Bldg #101 Philadelphia PA 19148	IM	LAURY, MD, William L 3901 Conahohocken Ave Philadelphia PA 19143	IM	LEINWEBER, MD, Bruce K 3237 Bnatol Rd Ste 205 Cornwells Hgte PA 19020	OBG	LEWIS, MD, William J 116 Stockton Rd Bryn Mawr PA 19010	OTO
KOZART, MD, Devid M 51 N 39th St Philadelphia PA 19104	OPH	KWA, MD, Daniel M Pa Hosp 8Th&Spruce Sta Philadelphia PA 19107	IM	LAUTZ, MD, Virginia H 12 Westfield Rd Ardmore PA 19003	AN	LEIS, DO, Sherman N 301 Winding Way Merion PA 19068	PS	LEWITT, MD, Micheel H U S Steel Corp Cm-8 Fairless Hills PA 19030	ADM

LIACHOWITZ, MD, Claire H Presidential Apts D703 Philadelphia PA 19131	PM	LIPSIUS, MD, Edward I 1919 Chestnut Apt 1504 Philadelphia PA 19103	OPH	LUISTRO, MD, Patria D 2413 Garrett Rd Drexel Hill PA 19026	AN	MALEK, MD, Mansour 4717 E Moonlight Way Paradise Vly AZ 65253	FP	MARONE, MD, Phillip J 2500 S 17th St Philadelphia PA 19145	ORS
LIAM, MD, Ming T 125 W Broad St Tamaqua PA 18252	US	LISAN, MD, Philip 2 Bala Cynwyd Plz II21 Bala Cynwyd PA 19004	IM	LUMB, MD, George D 230 N Broad St Philadelphia PA 19102	PTH	MALIK, MD, Zafar I 2642 Audubon Rd Audubon PA 19401	IM	MARSHALL JR, MD, George D 1201 Hook Rd Sharon Hill PA 19079	FP
LIAM, MD, Wen H 8th & Girard Ave Philadelphia PA 19123	FP	LISKER, MD, Sheldon A 419 S 19th St Philadelphia PA 19130	IM	LUNDY, MD, Theodore 2565 E Norris St Philadelphia PA 19125	FP	MALLIN, MD, William S 221 Melrose Circle Merion PA 19068	IM	MARSHALL, MD, E Wayne 301 S 8th St 3rd Fl Philadelphia PA 19106	IM
LIBONATI, MD, Margaret M 922 Cedargrove Rd Wynnwood PA 19096	AN	LITT, MD, Lawrence M 333 City Ave Ste II40 Bala Cynwyd PA 19004	IM	LUONGO JR, MD, Romeo A 2054 Locust St Philadelphia PA 19103	OTO	MALLOY, MD, Terrence R 1283 Club House Rd Gladwyne PA 19035	U	MARTIN, MD, Clarence H 7950 Henry Ave #13A Philadelphia PA 19128	IM
LICHTENSTEIN, MD, Israel 60 E Township Line Rd 328 Elkins Park PA 19117	IM	LITTLE, MD, Ralph B 111 N 49th St Philadelphia PA 19139	P	LUSCOMBE, MD, Herbert A 111 S 11th St Philadelphia PA 19107	D	MALMUD, MD, Leon S 3401 N Broad St Philadelphia PA 19140	R	MARTIN, MD, John H 17 Dartmouth Ave Haverford PA 19041	IM
LICHTENSTEIN, MD, Stephen B 919 Latimer St Philadelphia PA 19107	OPH	LIU, MD, Jung-Ching 7757 Green Vly Rd Wyncote PA 19095	OTO	LUTMAN, MD, Frank C 33 E Chestnut Hill Ave Philadelphia PA 19118	OPH	MALSCH, MD, Evamarie 909 Woodbine Ave Penn Valley PA 19072	AN	MARTIN, MD, Richard E 8805 Cheltenham Ave Philadelphia PA 19118	EM
LIEBERBERG, MD, Robert E 1305 W Tabor Rd Philadelphia PA 19141	ORS	LIVOLSI, MD, Philip D 539 W Erie Ave Philadelphia PA 19140	GS	LYLE, MD, Donald F 5528 Asbury Ave Ocean City NJ 08226	PD	MANCALL, MD, Elliott L 230 N Broad St Philadelphia PA 19102	N	MARTINEZ, MD, Jose 1015 Walnut St Philadelphia PA 19107	IM
LIEBERMAN, MD, Daniel 11th & Walnut Sts #1552 Philadelphia PA 19107	P	LOCHHEAD, MD, Harrie B 500 Bridge Rd Glenside PA 19038	PTH	LYNCH, MD, J Edward Mercy Med Cath Ctr Darby PA 19023	OBG	MANDAL, MD, Sanat K 319 Morris Dr Cherry Hill NJ 08003	IM	MARTINEZ-HERNANDEZ, MD, Antonio Hahneman Hosp Path Philadelphia PA 19102	PTH
LIEBERMAN, MD, Donald H 609 Hollow Rd King Of Prussia PA 19406	IM	LOCKMAN, MD, Bruce E 1000 Fraser Rd Philadelphia PA 19118	PD	LYNCH, MD, James J 2318 E Cumberland St Philadelphia PA 19125	FP	MANDARINO, MD, Michael J 2832A Belmont Ave Philadelphia PA 19131	ORS	MARTYN, MD, Lois J 2600 N Lawrence St Philadelphia PA 19133	OPH
LIEBERMAN, MD, Frederick S 895 Killdeer Lane Huntingdon Vly PA 19006	ORS	LODISE, MD, Raymond J 1900 Spruce St Philadelphia PA 19103	IM	LYNN, MD, Dorothy R 245 N Broad St Suite 303 Philadelphia PA 19107	D	MANDARINO, MD, Michael P 1120 Tower La Narberth PA 19072	ORS	MASLOFF, MD, Melvin L 723 S Laches Ln Merion PA 19068	OTO
LIEBERMAN, MD, George E Wyncote House #935 Wyncote PA 19095	OTO	LOEW, MD, Clifford G 5 E Chestnut Hill Ave Philadelphia PA 19118	IM	LYON, MD, Julian M 2943 Belmont Ave Ardmore PA 19003	PD	MANDEL, MD, Martin M Benson Menor Suite 110 Jenkintown PA 19046	N	MASON, MD, Bernard A 7832 Lewis Rd Cheltenham PA 19012	IM
LIEBERMAN, MD, Samuel 11 Martins Run #E203 Marple Township PA 19063	FP	LOEWENBERG, MD, Leopold S 255 S 17th St 2nd Fl Philadelphia PA 19103	OBG	LYONS JR, MD, John W 717 Harrison Rd Villanova PA 19085	P	MANDELL, MD, Morton S 508 Clothier Rd Wynnwood PA 19098	IM	MASON, MD, Daniel 1333 Race St Philadelphia PA 19107	IM
LIEBERT, MD, Peter S 1245 Highland Ave Abington PA 19001	PD	LOFTUS, MD, J Edward 8 Rose Terr Latayette Hls PA 19444	OTO	LYU, MD, Byong Sook 1765 N Waterloo St Philadelphia PA 19122	AN	MANGES, MD, W Booley 813 Montgomery Sch La Wynnwood PA 19098	GS	MASON, MD, Howard M 8802 Cheltenham Philadelphia PA 19118	FP
LIEBMAN, MD, Emil P 137 Hewitt Rd Wyncote PA 19095	OTO	LOFTUS, MD, Thomas A 178 E 80th St New York NY 10021	P	MACFADYEN, MD, Bruce V 245 Chatham Way Herry Ml West Chester PA 19380	OBG	MANGES, MD, Willis E 431 Barclay Rd Rosemont PA 19010	R	MASS, MD, Burton 857 Oak Shade Ave Elkins Park PA 19117	IM
LIEBMAN, MD, Ronald 453 Clothier Rd Wynnwood PA 19096	P	LOFTUS, MD, Thomas M 8015 Burholme Ave Philadelphia PA 19111	FP	MACHT JR, MD, Elmer L 1245 Highland Ave S-504 Abington PA 19001	OBG	MANI, MD, Shobha T 230 N Broad St Philadelphia PA 19102	AN	MASSANISO, MD, Frank P 304 Whitmarsh Vly Rd Ft Washington PA 19034	U
LIEF, MD, Harold I 101 S Buck Ln Haverford PA 19041	P	LOGAN, MD, Thomas M 600 E Cathedral Rd Philadelphia PA 19128	FP	MACKELL, MD, James V 1253 Burnett Rd Huntingdon Vly PA 19008	PD	MANLEY, MD, John G Apt M-3 Fox Valley W Glen Mills PA 19342	GS	MASTRANGELO, MD, Michael J Amer Oncologic Hosp Philadelphia PA 19111	IM
LIGHTFOOT, MD, William P 3401 N Broad St Philadelphia PA 19140	GS	LOGUE, MD, James G 668 E Penn St Suite 105 Philadelphia PA 19144	OBG	MACKIE, MD, Julius A 3400 Spruce St Philadelphia PA 19104	GS	MANLOVE, MD, Francis R 709 Dixon Lane Gladwyne PA 19035	P	MASTROIANNI, MD, Luigi 3400 Spruce St Philadelphia PA 19104	OBG
LIKOFF, MD, William 230 N Broad St Philadelphia PA 19102	IM	LOMAX JR, MD, Walter P Po Box 24 Hilltown PA 18927	IM	MACKINNEY, MD, Charles C 264 Chatham Way West Chester PA 19380	U	MANSER, MD, Jeanne I 2107 Wallace St Philadelphia PA 19130	PD	MATSKO, MD, Janine A 250 Philip Place Philadelphia PA 19108	OPH
LIM, MD, Dee Beng 402 Atwood Rd Philadelphia PA 19118	GS	LONDON, MD, Philip 824 Cedarglen Rd Elkins Park PA 19117	ORS	MACKOWIAK, MD, Robert C 169 Hillcrest Ave Philadelphia PA 19118	IM	MANSTEIN, MD, George 1335 Tabor Rd Philadelphia PA 19141	PS	MATSUMOTO, MD, Teruo 230 N Broad St Philadelphia PA 19102	GS
LIMBERAKIS, MD, Anthony J 633 Meetinghouse Rd Rydal PA 19048	R	LONDON, MD, W Thomas 7701 Burholme Av Fx Chs Philadelphia PA 19111	OS	MACMORAN, MD, Jay W 435 Righters Mill Rd Narberth PA 19072	R	MANUS, MD, Nathan 1525 E Moyamensing Ave Philadelphia PA 19147	FP	MATTEI, MD, Frank A 1421 S Broad St Philadelphia PA 19147	ORS
LIN, MD, David Y 2222 S Broad St Philadelphia PA 19145	GS	LONG SR, MD, William L 9600 Milnor St Philadelphia PA 19114	P	MACNEAL, MD, Perry S 513 S Leola Rd Moorestown NJ 08057	IM	MAPP, MD, Esmond M T Jefferson Univ Hosp Philadelphia PA 19109	R	MATTEUCCI, MD, Walter V 8103 Ardmore Ave Philadelphia PA 19118	IM
LIN, MD, Paul M 1100 Mill Road Rydal PA 19046	NS	LONSDORF, MD, Richard G 415 Old Gulph Rd Narberth PA 19072	P	MACVAUGH III, MD, Horace Lankenau Med Bldg #222 Philadelphia PA 19151	GS	MARBACH, MD, A Herbert 1307 Tabor Rd Philadelphia PA 19141	OBG	MATULEWSKI, MD, Thomas J 2333 Poplar Rd Havertown PA 19083	GS
LIN, MD, Ruey-Yen 170 Morris Street Albany NY 12208	PTH	LOPEZ, MD, Aisa G 8048 Crittenden St Philadelphia PA 19118	PMR	MADAN-RAO, MD, Vijay 550 Ridge Pike Latayette Hills PA 19444	R	MARCOS, MD, Cecilia S 3600 Sheaff Lane Philadelphia PA 19145	PD	MATUS, MD, Joseph P 5301 Castor Ave Philadelphia PA 19124	FP
LINCOW, DO, Arnold S 7822 Ogontz Ave Philadelphia PA 19150	FP	LOPEZ, MD, Ratael H 805 E Willow Grv Ave Philadelphia PA 19118	IM	MADIANOS, MD, Michael 1081 Fox Chase Rd Jenkintown PA 19046	IM	MARCOVITZ, MD, Eli 255 S 17th St Philadelphia PA 19103	P	MAURIELLO, DO, Charles A P O Box 269 Springfield PA 19064	ORS
LINDEN, MD, Maurice E 7100 Germantown Ave Philadelphia PA 19119	P	LOPONTE, MD, Marie A 30 S Valley Rd Paoli PA 19301	R	MADONNA, MD, Harry M 625 Bridge Rd Glenside PA 19038	U	MARDEN, MD, Philip A 3400 Spruce St Philadelphia PA 19104	OTO	MAURIELLO, MD, Nicholas D 59th St City Line Ave Philadelphia PA 19131	PM
LINDENMUTH, MD, Woodrow W Va Hosp W Spring St West Haven CT 06516	GS	LORBER, MD, Stanley H Temple Univ Med Ctr Philadelphia PA 19140	IM	MADOW, MD, Leo 3300 Henry Ave Philadelphia PA 19129	N	MARGATE, MD, Pedro R 208 Demarest Moorestown NJ 08057	R	MAY, MD, Robert E 8815 Germantown Ave Philadelphia PA 19118	U
LINDQUIST, MD, John N 422 Sabine St Wynnwood PA 19096	IM	LORENZ, MD, Howard 2401 Penna Ave #11A4 Philadelphia PA 19130	IM	MAGARGAL, MD, Helga O 9801 Milnor St Philadelphia PA 19114	OPH	MARGOLES, MD, Louis 1851 Grange Ave Philadelphia PA 19141	IM	MAYER, MD, Eugene M 1903 Rolling Lane Cherry Hill NJ 08003	IM
LINN, DO, Robert 419 Lawrence Rd Broomall PA 19008	PRM	LORICO, MD, Abegael N 8735 Harbison Ave Philadelphia PA 19149	OBG	MAGARGAL, MD, Larry E 9801 Milnor St Philadelphia PA 19114	OPH	MARGOLIS, MD, Bernard 7342 Brookhaven Rd Philadelphia PA 19151	PD	MAYER, MD, Karl F 2560 S Peninsula Dr Daytona Bch FL 32018	US
LINNMANN, MD, Roger E 3508 Market St Philadelphia PA 19104	R	LORRY, MD, Ralph W 1247 E Luzerne St Philadelphia PA 19124	GS	MAGEE, MD, Joni 418 Meadow Lane Merion PA 19066	OBG	MARGOLIS, MD, Stephen H Cedarbrook Hill 111 Wyncote PA 19095	FP	MAYOCK, MD, Robert L 244 Gypsy La Wynnwood PA 19098	IM
LINTGEN, MD, Charles I 325 Meadowbrook Dr Huntingdon Vly PA 19006	OBG	LOTKE, MD, Paul A 909 Hagys Ford Rd Narberth PA 19072	ORS	MAGILNER, MD, Arthur D 1251 Fairacres Rd Jenkintown PA 19046	R	MARIS, MD, Elizabeth P Foulkeways-Gwynedd G10 Gwynedd PA 19436	PD	MAYRO, MD, Julian 1335 W Tabor Rd Philadelphia PA 19141	IM
LIPMAN, MD, Bernard L Cedarbrk Hill Apt Bldg I Wyncote PA 19095	PD	LOUIS-CHARLES, MD, Roy 550 E Washington Lane Philadelphia PA 19144	PD	MAGILNER, MD, Louis 275 S 19th St Philadelphia PA 19103	R	MARK, MD, George E 4940 Frankford Ave Philadelphia PA 19124	IM	MAZER, MD, Howard 512 Garwood Dr Cherry Hill NJ 08034	U
LIPPIN, MD, Richard A 230 Toll Dr Southampton PA 18968	US	LOUKA, MD, Mounir H 8806 N 11th St Philadelphia PA 19128	OBG	MAGRAN, MD, Leonardo 1001 Valley Rd Melrose Park PA 19128	P	MARKIND, MD, Simon Bryn Mawr Hosp Malvern PA 19355	PM	MCALLISTER, MD, Helen B 8100 Westchstr Pk Dr 611 College Park MD 20740	P
LIPPMANN, MD, Michael L York & Tabor Rds Philadelphia PA 19141	IM	LOVE, MD, Michael B 205 E Fiedler Rd Ambler PA 19002	R	MAGUIRE JR, MD, Henry C 245 N 15th St Philadelphia PA 19102	D	MARKMANN, MD, William J 8101 Rising Sun Ave Philadelphia PA 19111	ORS	MCAULIFFE, MD, Thomas C 686 E Penn St Philadelphia PA 19144	GS
LIPPO, MD, Frank L 2301 S Broad St Philadelphia PA 19148	OBG	LOW, MD, Diong O 1545 Barn Swallow Dr Cornwells Hgts PA 19020	FP	MAHA, MD, George E 212 Tally Ho Ambler PA 19002	IM	MARKOFF, MD, Joseph I 1800 S Broad St Philadelphia PA 19145	OPH	MCCAFFERTY, MD, John P 8116 Bustleton Ave Philadelphia PA 19152	GS
LIPSCHUTZ, MD, Arthur Willow Grove & Crittendn Philadelphia PA 19118	PD	LOWE, MD, Stephen J 7880 Oxford Ave Philadelphia PA 19111	ORS	MAHONEY, MD, Margaret G 324 Ingeborg Rd Philadelphia PA 19151	D	MARKOW, MD, Harry G 87 Woodenbridge Road Holland PA 18966	P	MCCARRON, MD, Daniel J 29 Glendale Rd Upper Darby PA 19082	OBG
LIPSCHUTZ, MD, Steven M 2375 Woodward St Philadelphia PA 19115	FP	LOWRY, MD, Louis D 1025 Walnut St Philadelphia PA 19107	OTO	MAIER, MD, Willis P Temple U Hosp Surg Dept Philadelphia PA 19140	GS	MARKS, MD, Gerald 45 Fairview Rd Narberth PA 19072	GS	MCCARTHY JR, MD, Harry R 213 S Atlantic Ave Haddonfield NJ 08033	D
LIPSCHUTZ, MD, Samuel S City Vlg E Gretham A 103 Deerfield Bch FL 33441	FP	LUBIN, MD, Joseph D 226 Locust St Philadelphia PA 19106	AN	MAJOR, MD, David A 624 W Cliveden St Philadelphia PA 19119	IM	MARKS, MD, Meyer A Hagys Ford Rd N 317 Penn Valley PA 19072	OTO	MCCAULEY, MD, Francis P 3225 Magee Ave Philadelphia PA 19149	OBG
LIPSHUTZ, MD, Harold 303 Wyncote House Wyncote PA 19095	U	LUBIZKA, MD, Alexandria 2101 Clarkson Ave Philadelphia PA 19144	P	MAKLER, MD, Jacob S 225 S 18th St Philadelphia PA 19103	FP	MARLOWE, MD, Frank I 1920 Chestnut St Philadelphia PA 19103	OTO	MCCLENAHAN, MD, John L 41 E Chestnut Hill Ave Philadelphia PA 19118	R
LIPSHUTZ, MD, William H 800 Spruce St Philadelphia PA 19107	IM	LUCAS, MD, R Dubois 237 E Price St Philadelphia PA 19144	FP	MAKOUS, MD, Norman 688 S Highland Ave Merion PA 19068	IM	MARMAR, MD, Earl C 410 S Sterling Rd Elkins Park PA 19117	ORS	MCCLENAHAN, MD, William U 700 John Ringling Blvd Sarasota FL 33577	FP

CCLOSKEY, MD, Sr Ann 1900 S Broad St Philadelphia PA 19145	PTH	MEDINGER, MD, Fred G 1245 Highland Rd Abington PA 19001	GS	MIKELBERG, MD, Rose R 1709 Spruce St Philadelphia PA 19103	PD	MONHEIT, MD, Richard S 1000 Sharpless Rd Philadelphia PA 19128	IM	MURPHY, MD, John J 3400 Spruce St Philadelphia PA 19104	U
CCLOSKEY, MD, Joseph F 268 W Bryn Mawr Ave Lanedowne PA 19050	PTH	MEDOFF, MD, Joseph 2 Decker Sq Bala Cynwyd PA 19004	IM	MIKOWSKI, MD, I Edmund 4517 E Thompson St Philadelphia PA 19137	FP	MONTGOMERY, MD, Bruce B 1405 Spring Mill Gledwyne PA 19035	OBG	MURPHY, MD, James P 2901 Welsh Rd Apt 307 Philadelphia PA 19152	P
CCLOSKEY, MD, Richard V 5th & Reed Sts Philadelphia PA 19147	IM	MEDVENE, MD, Morton M 218 N Easton Rd Apt F7 Glenside PA 19038	PRM	MIKUTA, MD, John J 3400 Spruce St Philadelphia PA 19104	OBG	MONTGOMERY, MD, Hugh 932 Marion Sq Rd Gledwyne PA 19035	IM	MURPHY, MD, Richard J 423 Wadsworth Ave Philadelphia PA 19119	FP
CCOMBS, MD, Peter R 8th & Spruce Sts Philadelphia PA 19130	GS	MEEHAN, MD, John J The Benson Jenkintown PA 19048	IM	MILLER, DO, Jerome 5103 Whitaker Ave Philadelphia PA 19124	FP	MONTGOMERY, MD, John B 271 Forreast Rd Merion Station PA 19068	OBG	MURPHY, MD, Scott 225 Kent Rd Ardmore PA 19003	IM
CCONNELL, MD, Edward L 2342 S Broad St Philadelphia PA 19145	OBG	MEHTA, MD, Smits M 950 Pheasant Meadow Rd Blue Bell PA 19422	PD	MILLER, DO, Joel P 1335 Tabor Rd Ste 108 Philadelphia PA 19141	IM	MONTGOMERY, MD, Thaddeus L 200 N Wynnewood Ave Wynnewood PA 19096	OBG	MURPHY, MD, Thomas W 2401 Penna Ave #11-B 32 Philadelphia PA 19130	P
CCORMICK, MD, John L 1016 Warrior Rd Draxel Hill PA 19028	GS	MEHTA, MD, Tusher B 17 S 60th St Philadelphia PA 19139	FP	MILLER, MD, Allen C 209 Rittinhs Clardg Apts Philadelphia PA 19103	P	MOORE JR, MD, John H 1313 Cypress St Philadelphia PA 19107	GS	MURRAY, MD, George A 1811 S Broad St Philadelphia PA 19148	GS
CCRACKEN, MD, Stewart 33 E Chestnut Hill Ave Philadelphia PA 19118	IM	MELE, MD, Frank E 545 Chandler Lane Villanova PA 19085	GS	MILLER, MD, Armand J Foxcroft Apts 104 Jenkintown PA 19048	FP	MOORE JR, MD, Samuel R 1800 Arch St Philadelphia PA 19103	IM	MURRAY, MD, Austin P 130 S 9th St Philadelphia PA 19107	OPH
CCREA, MD, Lowrein E Po Box 2001 Southern Pines NC 28387	U	MELNICK, MD, Joseph L 1152 N 83D St Philadelphia PA 19151	OBG	MILLER, MD, Bernard J 688 E Penn St Philadelphia PA 19144	GS	MOORE, MD, David A 3721 Baring St Philadelphia PA 19104	EM	MURTAGH, MD, Frederick 3400 Spruce St Philadelphia PA 19104	NS
CCURDY, MD, Dino E 822 Wildman Arms Swarthmore PA 19081	IM	MELTZER, MD, Allen J 709 Corinthian Ave Philadelphia PA 19130	GS	MILLER, MD, C Joseph 2385 Cheltenham Ave Philadelphia PA 19150	IM	MOORE, MD, Frank 9 Dutch Dr Holland PA 18966	R	MURTHY, MD, M Jayaahkara 8815 Germantown Ave Philadelphia PA 19118	IM
CCURDY, MD, Richard R 219 Country Club La Wallingford PA 19088	IM	MELTZER, MD, Lawrence E 51 N39th St Philadelphia PA 19104	IM	MILLER, MD, David 8550 N W 17th Pl Plantation FL 33222	FP	MOORE, MD, John R 344 92nd St Stone Harbor NJ 08247	ORS	MYERS JR, MD, J Martin 111 N 49th St Philadelphia PA 19139	P
CDANIEL JR, MD, Everett S 212 E Waverly Rd Wyncote PA 19095	OBG	MELTZER, MD, Michele S 709 Corinthian Ave Philadelphia PA 19130	IM	MILLER, MD, Gladys M 3423 W Coulter St Philadelphia PA 19129	IM	MOORE, MD, Jay R 5 Washington Sq Apt 3108 Philadelphia PA 19106	IM	MYERS, MD, Abraham 2401 Penna Ave Philadelphia PA 19130	ORS
CDERMIT, MD, John R 1627 S Broad St Philadelphia PA 19148	IM	MENDELL, MD, Theodore H 3600 Conahochkn Ave 808 Philadelphia PA 19131	IM	MILLER, MD, Howard A 904 Locust St Philadelphia PA 19107	IM	MOORE, MD, Matthew T 1813 Delancey Place Philadelphia PA 19103	N	MYERS, MD, David 2401 Penna Ave Philadelphia PA 19130	OTO
CDONALD, MD, Donald J 611 Foster Rd Cheltenham PA 19012	FP	MENDELS, MD, Joseph 561 Fairthorne Ave Philadelphia PA 19128	P	MILLER, MD, Hugh M Box 352 Highland Prk Clb Lake Wales FL 33853	IM	MOORHEAD-LAURENCIN, MD, Helen 3228 N 17th St Philadelphia PA 19140	FP	MYERS, MD, Donald L 1025 Walnut St Philadelphia PA 19107	NS
CDONALD, MD, Phillip R Lankenau Med Bldg Philadelphia PA 19151	OPH	MENDELSON, MD, Myer 111 N 49th St Philadelphia PA 19139	P	MILLER, MD, Jerome 191 Presidential Apts Bala Cynwyd PA 19001	IM	MOORALES, MD, Jose O Eveboro Rd R D 1 Mt Laurel NJ 08054	IM	NABUT, MD, Sophia H 3939 Conshohocken Ave Philadelphia PA 19131	US
CDONNELL, MD, William V W Jersey Hosp Camden NJ 08104	PTH	MENDELSSOHN, MD, Edwin 1303 W Tabor Rd Philadelphia PA 19141	GS	MILLER, MD, Leonard D Hoap Of The Univ Of Pa Philadelphia PA 19104	GS	MORANI, MD, Alma D 3685 Midvale Ave Philadelphia PA 19129	PS	NACE, MD, Edgar P 111 N 49 St Philadelphia PA 19139	P
CELMROY, MD, Robert C 918 Rock Creek Rd Bryn Mawr PA 19010	OBG	MENIN, MD, Richard A 7906 Serpentine La Elkins Park PA 19117	IM	MILLER, MD, Malcolm W 230 Lankenau Med Bldg Philadelphia PA 19151	IM	MORENO, MD, Missel A Po Box 353 Jacksonville FL 32201	FP	NACHOD, MD, Grace R 3024 W Queen La Apt A2A Philadelphia PA 19129	OPH
CELOWAIN, MD, Guy E 320 Drashertown Rd Ft Washington PA 19034	FP	MENIN, MD, William Cdrbrook Hi Apt A104 Wyncote PA 19095	IM	MILLER, MD, T Grier 1801 Jtk Blvd #2906 Philadelphia PA 19103	IM	MORRIS, MD, I Paul 1939 Cheltenham Ave Philadelphia PA 19117	PD	NADDEL, MD, Marcell Bernh, 1930 Chestnut St 106 Philadelphia PA 19103	FP
CFADDEN, MD, William M 1187 E Washington Lane Philadelphia PA 19138	PD	MENNELL, MD, John M 5000 North A1A Apt 321 Vero Beach FL 32960	PM	MILLER, MD, Wallace T 3105 Coulter St Philadelphia PA 19129	R	MORRIS, MD, Jeffrey B 278 S 23rd St Philadelphia PA 19103	IM	NAGLE JR, MD, Frank O 2 Penn Center Plz Rm 609 Philadelphia PA 19102	OPH
CFARLAND, MD, Malcolm D 7701 Louise Ln Philadelphia PA 19118	IM	MENUT, MD, Gerard H 2200 Naudain St Apt L Philadelphia PA 19148	GS	MILLS JR, MD, Lewis C 230 N Broad St Philadelphia PA 19102	IM	MORRISON, MD, Carol A 51 North 39th St Philadelphia PA 19104	IM	NAGY, MD, Stephen S 111 N 49th St Philadelphia PA 19129	P
CGEARY, MD, Joseph D 111 N Broad St Philadelphia PA 19107	IM	MERANZE, MD, David R Pelham Park Apts 412 Philadelphia PA 19119	PTH	MILON, MD, Charles F 829 Spruce St Philadelphia PA 19107	IM	MOSES, MD, Melvin L 111 S 11th St Ste 8214 Philadelphia PA 19107	IM	NAIDE, MD, David 2034 Spruce St Philadelphia PA 19103	IM
CGHEE, MD, Edward H Jefferson Med College Philadelphia PA 19107	IM	MERKEL JR, MD, Richard J 823 S American St #E Philadelphia PA 19147	P	MILSTEIN, MD, David 7342 Green Hill Rd Philadelphia PA 19151	FP	MOSKAL, MD, Joseph P 773 Arden Rd Jenkintown PA 19048	AN	NAIDE, MD, Meyer 2034 Spruce St Philadelphia PA 19103	IM
CGLAMERY, MD, Muriel E Aemc N Division Philadelphia PA 19141	N	MERKIN, MD, Alvin 20 Garrison Place Newtown PA 18940	AN	MINEHART, MD, John R 815 E Allegheny Ave Philadelphia PA 19134	GS	MOSS, MD, Edward R 6288 Algard St Philadelphia PA 19135	FP	NAIDOFF, MD, Michael A 308 Spruca St Philadelphia PA 19106	OPH
CGRAW, MD, Thomas E 207 85th Ave Philadelphia PA 19126	IM	MERLI, MD, Geno J 838 Pomona Ave Haddonfield NJ 08033	IM	MINERVA, MD, Felcisma B 80 E Townshipline Rd Elkins Park PA 19117	AN	MOSS, MD, Norman H 1335 W Tabor Rd Philadelphia PA 19141	GS	NAKHJAVAN, MD, Fred K York & Tabor Rds Philadelphia PA 19141	FP
CGREEVEY, MD, John R 2025 Williamsburg Rd Huntingdon Vly PA 19006	R	MERLIN, MD, Albert A 7141 Elmwood Ave Philadelphia PA 19142	FP	MINTON, MD, Russell F 800 Cathedral Ave Philadelphia PA 19128	R	MOYER, MD, Dwight L 723 Oak Terr Ct Ambler PA 19002	PM	NALBANTIAN, MD, Michel S 1223 Hagyard Rd Narberth PA 19072	R
CGRUDER, MD, Ewert G 237 Wood St Bristol PA 19007	FP	MERSKY, MD, Steven A 1335 Tebor Rd Philadelphia PA 19141	U	MISKINIS, MD, Geraldine L 250 N 13th St Philadelphia PA 19102	IM	MOYER, MD, Ray A 3401 N Broad St Philadelphia PA 19140	ORS	NAPPI, MD, Dominic F 1421 S Broad St Philadelphia PA 19147	ORS
CGUGIAN, MD, Thomas M 9616 Hilspech St Philadelphia PA 19115	FP	MESETE, MD, A Francis 8 Bradford Terrace Newton Square PA 19073	IM	MITCHELL, MD, Eric I 1807 Pine St Philadelphia PA 19103	ORS	MUCKLE, MD, Craig W 1221 Mount Pleasant Rd Villanova PA 19085	OBG	NARDINI, MD, Renato J 248 S 21st St Philadelphia PA 19103	ORS
CKEOWN JR, MD, John J 935 Cedar Grove Rd Wynnewood PA 19096	GS	MESHKOV, MD, Arnold B 1521 Locust St Ste 810 Philadelphia PA 19102	IM	MITCHELL, MD, Robert M 318 Lankenau Med Bldg Philadelphia PA 19151	OBG	MULBERGER, MD, Robert D 1930 Chestnut St Philadelphia PA 19103	OPH	NASH, MD, Margaret J 998 S Russett St York PA 17402	FP
CLAUGHLIN JR, MD, Guy W 7228 Castor Ave Philadelphia PA 19149	PD	MESSORI, MD, Divo A 1000 E Abington Ave Philadelphia PA 19118	IM	MITTELDORF, MD, Stephen E 537 Heath Rd Merion PA 19066	U	MULDOWER, MD, Milton E 5025G S Convent Ln Philadelphia PA 19114	IM	NASO, MD, Francis 1025 Walnut St Philadelphia PA 19107	PM
CLAUGHLIN, MD, Edward D 3112 Garnet Mine Rd Boothwyn PA 19061	GS	METZGER, MD, Paul A 800 Cottman Av 159B Philadelphia PA 19111	FP	MIURA, MD, Karen K 1810 S Rittenhouse Sq Philadelphia PA 19103	IM	MULHERN, MD, Charles B 3400 Spruca St R Dpt Philadelphia PA 19104	R	NASSIRI-RAHIMI, MD, Cyrua 8815 Germantown Ave Philadelphia PA 19118	AN
CLAUGHLIN, MD, George E Dekalb & Fornace Sts Norristown PA 19401	IM	MEYERS, MD, Robert W 4524 Forest Park Blvd St Louis MO 83108	P	MOFFSES, MD, Garabed H 1340 Herdy Ave Orlando FL 32803	OBG	MULLEN, MD, James L 3400 Spruca St Philadelphia PA 19104	GS	NASUTI, MD, Floyd T 2501 S 21st St Philadelphia PA 19145	PD
CLAUGHLIN, MD, James S 740 Wolcott Dr Philadelphia PA 19108	IM	MEZZANOTTE, MD, John J Stentn&Mermaid La St 1G Philadelphia PA 19118	IM	MOGHADAM, MD, Abdol-Nabi Lancaster & City Line Av Philadelphia PA 19151	IM	MULLER, MD, Altona J 304 W Godfrey Ave Philadelphia PA 19120	PM	NATHAN, MD, Robert J 230 N Broad St Rm 17311 Philadelphia PA 19102	P
CMAMARA, MD, Marian F 3300 Henry Ave Philadelphia PA 19129	GS	MICEK, MD, Edward W 245 N Broad St Philadelphia PA 19107	GS	MOGHADAM, MD, Eileen S 809 Edwin Lane Bryn Mawr PA 19010	PD	MULLHOLLAND, MD, S Grant 1025 Walnut St Rm 1112 Philadelphia PA 19107	U	NATHANSON, MD, Donald L 255 S 17th St 2403 Philadelphia PA 19103	P
CMNEIL-JACOBI, MD, Athole G Med Coll Of Pa Anes Philadelphia PA 19129	AN	MICELI, MD, Silvio 820 Spruce Ln Villanova PA 19085	U	MOGIL, MD, Robert A 1001 City Ave Philadelphia PA 19151	GS	MUNDTH, MD, Eldred D 230 N Broad St Rm 8311 Philadelphia PA 19102	TS	NATHANSON, MD, Juliet E 2048 Pine St Philadelphia PA 19103	FP
CMNEILL JR, MD, Robert J 14 Randolph Blvd Marmora NJ 08223	FP	MICHAELSON, MD, Carolyn Z 6605 Lincoln Dr Philadelphia PA 19119	FP	MOHAN, MD, Krishna K 151 Bishop Ave Secane PA 19018	IM	MUNIZ, MD, Herminio 301 S 8th St Philadelphia PA 19106	GS	NAZARI, MD, Ahmed 3910 Powelton Ave #303 Philadelphia PA 19104	OBG
CMPEAK, MD, Vincent J 1850 Huntingdon Pk-301 Meadowbrook PA 19048	OBG	MICHAELSON, MD, Michael G 6605 Lincoln Dr Philadelphia PA 19119	FP	MOHIUDDIN, MD, Mohammed 14 Paper Mill Rd Cherry Hill NJ 08003	R	MUNOZ, MD, Martin 1175 Dilworth Cir Huntingdn Vly PA 19006	AN	NEDURIAN, MD, Vram S 5487 Pine St Philadelphia PA 19143	FP
CMCHERRY, MD, Robert T 200 Lawrence La Wayne PA 19067	AN	MICHAIL, MD, Sohair S 230 N Broad St Philadelphia PA 19102	AN	MOHIUDDIN, MD, Mohammed A 931 Huntingdon Pk Huntingdon Vly PA 19006	N	MURDOCK, MD, Morton G 344 Sinkler Rd Wyncote PA 19095	R	NEIFELD, MD, Kenneth A 8901 Old York Rd A316 Philadelphia PA 19128	US
CMSTRAVOG, MD, Lawrence J 5057 Sylvia Rd Drexel Hill PA 19026	OTO	MICHAILE, MD, Kenneth I 578 Gen Petterson Dr Glenside PA 19038	OPH	MOLDOSKY, MD, Philip J 1439 Pennsylvania Ave Peoli PA 19301	R	MURPHEY, MD, Henry S 3810 The Oak Rd Philadelphia PA 19129	OTO	NEIGH, MD, John L 520 Fairfax Rd Drexel Hill PA 19028	AN
CMCHANICK, MD, Philip G 215 Clwyd Rd Bala-Cynwyd PA 19004	P	MICHALS, MD, Timothy J 8305 Semmole St Philadelphia PA 19118	P	MOLINA, MD, Leticia K 235 S 15th St Philadelphia PA 19102	PD	MURPHY, MD, Sheila A 212 E Meade St Philadelphia PA 19144	IM	NEILSON, MD, Neilon Medison House Ste D119 Philadelphia PA 19131	IM
CMEDIANO, MD, Wilfredo M 1429 S 5th St Philadelphia PA 19147	R	MIKAELIAN, MD, Dira O 1025 Walnut St Philadelphia PA 19107	OTO	MOLL, MD, George A 510 West Ave Jenkintown PA 19046	FP	MURPHY, MD, Edward J 1229 Ashbridge Rd Rosemont PA 19010	OBG	NELSON, MD, Diana F 3400 Spruce St Philadelphia PA 19104	R

NELSON, MD, Eleanor C 315 Mc Clanaghan Mill Rd Wynnewood PA 19096	AN	O'CONNELL, MD, Rose R 4352 Pechin St Philadelphia PA 19128	PD	PADIS, MD, Nicholas 303-304 Lankenau Med Bld Philadelphia PA 19151	IM	PAUL, MD, Phyllis O 1710 Woodland Rd Abington PA 19001	IM	PICKERING, MD, Harold C Roxbro Mad Bld 5735 Rdge Philadelphia PA 19128	AN
NELSON, MD, Fredric P 324 Llandrillo Rd Bala Cynwyd PA 19004	PD	O'CONNOR, MD, Maureen E 1225 Cantennial Rd Narberth PA 19072	AN	PADOLINA, MD, Ruby M 230 North Broad St Philadelphia PA 19102	AN	PAVLIDES, MD, Conatantinos A 111 Walnut Ave Kirkwood NJ 08043	GS	PICKERING, MD, John Underwood Mam Hosp Woodbury NJ 06098	FP
NELSON, MD, Guy M Apl 630 Wildman Arms Swarthmore PA 19081	IM	O'CONNOR, MD, Michael J 1 Graduate Plaza Philadelphia PA 19146	NS	PADULA, MD, Anthony M 8218 Seminola Ave 8218 S Philadelphia PA 19116	GS	PAXSON, MD, Nawlin F 916 Brinton Park Dr Wynnewood PA 19098	OBG	PIERRO, MD, Alfonso L 1614 S Broad St Philadelphia PA 19145	FP
NELSON, MD, Waldo E 815 Moreno Rd Narberth PA 19072	PD	OFFNER, MD, Theodora W 725 Byberry Rd Philadelphia PA 19118	FP	PAEZ, MD, Eduardo J 837 Luzerana St Philadelphia PA 19140	PTH	PEALE, MD, Augustin R Epis Hoap Front & Lahigh Philadelphia PA 19125	PTH	PIKE, MD, Anna H 5555 Wissahickon Ave Philadelphia PA 19144	OBG
NEMEZ, MD, Albert 7001 Kindred St Philadelphia PA 19149	FP	OH, MD, Sung K 1907 S Broad St Philadelphia PA 19146	OBG	PALATIANOS, MD, George M 9200 Bustleton Ave #1202 Philadelphia PA 19115	GS	PEARCE, MD, Alexander E 1420 Raca St Philadelphia PA 19102	GS	PINTIMALLI, MD, Joseph T 3101 Cottman Ave Philadelphia PA 19149	FP
NEMIR JR, MD, Paul Grad Hosp Univ Of Pa Philadelphia PA 19146	GS	OHARA, MD, Albert E 1840 Monk Rd Gladwyna PA 19035	R	PALAZZOLO, MD, Anthony J 147 Fisher Rd Jankintown PA 19046	PRM	PEARLSTINE, MD, Bastrica 1109 Anslay Ave Malrosa Park PA 19126	IM	PIRO, MD, Frank A 1480 Joel Dr Ambler PA 19002	R
NEMIROFF, MD, Richard L 301 S 8th St Philadelphia PA 19106	OBG	OJEDA, MD, Virginia L 4111 Fountain Green Lslyetta HI PA 19444	AN	PALLADINO, MD, Diana P Amb Cara Cir Ste 105 Philadelphia PA 19114	GS	PEDROTTY JR, MD, Francis W 718 W Chalfan Ave Philadelphia PA 19126	GS	PISANO, MD, Daniel J 8200 Frankford Ave Philadelphia PA 19135	R
NEMSER, MD, Sondra S 1919 Chestnut St Philadelphia PA 19103	OBG	OKAGAWA, MD, Rick 7904-B Buallaton Ave Phila PA 19152	IM	PALM, MD, Charles H 12 W Plumstead Ave Lnsdowna PA 19050	P	PEER, MD, Meata D Moss Rehab Hosp Philadelphia PA 19141	PM	PITT, MD, Leldon P 301 S 8th St Ste 3E Philadelphia PA 19106	GS
NEVYAS, MD, Herbert J 1930 Chestnut St Philadelphia PA 19103	OPH	OKEEFE, MD, John J 1499 Monk Rd Gladwyna PA 19035	OTO	PALMER, MD, Clarkson T Min Health Nuku'Alola Tonga So Pacific	PRM	PELICATA, DO, Robert D 107 Mary Wtrs Ford Rd Bala Cynwyd PA 19004	FP	PITTENGER, MD, Mary A 5417 Chester Ave Philadelphia PA 19143	FP
NEWBERG, MD, Asron N Northeast Med Ctr 14 Philadelphia PA 19114	PD	OKIN, MD, E Michael 10101 Academy Rd Philadelphia PA 19114	ORS	PANDOLFI, MD, Frank J 1822 Broad St Philadelphia PA 19145	FP	PELOSI, MD, Louis M 1530 S Broad St Philadelphia PA 19148	OTO	PIWOZ, MD, Seymour 656 Foxcroft Rd Philadelphia PA 19117	FP
NEWMAN, MD, Andrew 1331 E Wyoming Ave Philadelphia PA 19124	ORS	OLEAGA, MD, Juan A Vill Ot Pina Run Th-259 Blackwood NJ 08012	R	PANETTIERI, MD, Reynold A 830 Solly Ave Philadelphia PA 19111	FP	PELSZYNSKI, MD, Eugene E 5959 Horrocks St Philadelphia PA 19149	FP	PLATT, MD, Ruth M 522 Elizabeth Driva Lancaster PA 17801	FP
NEWMAN, MD, Benjamin E 720 Manatawna Rd Philadelphia PA 19128	IM	OLEARCHYK, MD, Andrew S 5020 N 11th St Philadelphia PA 19141	GS	PAPPAS, MD, Charles E 730 Lantern Lane Gwynedd Valley PA 19437	PS	PELTIER, MD, Hubert C Merck Sharp&Dohme West Point PA 19486	OS	PLOTKIN, MD, Stanley A 36th & Spruce St Philadelphia PA 19104	PD
NEWMAN, MD, Laroy 7525 Castor Ave Philadelphia PA 19152	PD	OLKEN, MD, Mark D 1200 Yord Rd Abington PA 19001	R	PARADOWSKI, MD, Frank W 2588 E Allaghamy Ave Philadelphia PA 19134	FP	PENNEL JR, MD, Edgar L 405 E Gowen Ave Philadelphia PA 19129	GS	PLUMB, MD, James D 1025 Walnut St Rm 119 Philadelphia PA 19107	FP
NIBBELINK, MD, Donald W Merck Sharp & Dome West Point PA 19486	N	OLSHAN, MD, Arthur R 250 N 13th St Philadelphia PA 19107	IM	PARAMESWARAN, MD, R Einstein Med Ctr Philadelphia PA 19141	IM	PENNES, MD, Edward L 899 Mayfair St Philadelphia PA 19120	FP	PODELL, MD, Morris J 1833 W Girard Ave Philadelphia PA 19130	FP
NICASTRO, MD, Gennaro C 3018 N 25th St Philadelphia PA 19132	OTO	OMALLEY, MD, Kevin B 3150 Township Line Draxal Hill PA 19028	IM	PARISH, MD, Lawranca C 1601 Walnut St Ste 724 Philadelphia PA 19102	D	PENNEYS, MD, Edith T 232 Winding Way Merion Sta PA 19066	P	PODOLSKY, MD, Michael L 80 Lincoln Dr Laurel Springs NJ 08021	OBG
NICHOLAS, MD, Laslie 1521 Locust St Philadelphia PA 19102	D	OMBAO, MD, Lourdes A 818 Hood Blvd Fairless Hls PA 19030	OBG	PARK, MD, Bert E 3204 Shawnee Green Maple Glen PA 19002	NS	PENNOCK, MD, Ronald S 230 N Broad Sel Philadelphia PA 19102	IM	PODOLSKY, MD, William J 111 S 11th St Rad Thar Philadelphia PA 19107	R
NICHOLSON, MD, Jassa T 415 S 19th St Philadelphia PA 19148	ORS	ONEILL, MD, Hugh 441 Lankenau Med Bldg Philadelphia PA 19151	P	PARK, MD, Chong H 309 Curtis Dr Wyncota PA 19095	IM	PENROD, MD, Dale S 301 S 8th Straat Philadelphia PA 19108	PS	PODRIZKI, MD, Sarga Moss Rehab Hosp Philadelphia PA 19141	P
NICU, MD, Nadia L Jeanes Hosp Philadelphia PA 19111	PTH	ONEILL, MD, Thomas J Green Hill Rd Lumberville PA 18933	TS	PARK, MD, Chan H Jefferson Mad Col & Hosp Philadelphia PA 19107	R	PEREZ, MD, Ruhari Loyola U Hosp Rad Thar Maywood IL 80153	R	POINSARD, MD, Paul J 2123 Dalseney St Philadelphia PA 19103	P
NIEDELMAN, MD, Mayer L 2200 Banj Fkin Pd #N1209 Philadelphia PA 19130	D	ORA, MD, Carmen S 473 W School House Ln Philadelphia PA 19144	IM	PARK, MD, Guy K 783 Glen Rd Jenkintown PA 19046	GS	PERIS, MD, Leon A 111 S 11th St Ste 8102 Philadelphia PA 19107	OBG	POLAKOFF 2ND, MD, Pedro 931 Huntingdon Pike Huntingdn Vly PA 19006	NS
NIESENBAUM, MD, Leonard 314 Cottman St Jenkintown PA 19048	IM	ORDENTLICH, MD, Elena 2424 Michael Rd Huntingdon Vly PA 19006	P	PARK, MD, Hyung K 1068 Boxwood La Blue Bell PA 19422	AN	PERLMAN, MD, Abraham 2375 Woodward St Philadelphia PA 19115	P	POLAN, MD, Simon Balmont & City Line 220 Bala Cynwyd PA 19004	P
NIKOO, MD, Hooshang M 7374 Rowland Ave Philadelphia PA 19136	OBG	ORDER, MD, Albert A 1201 Somerville Ave Philadelphia PA 19141	FP	PARK, MD, Hea-Ok 1025 Walnut St Rm 300 Philadelphia PA 19107	OBG	PERLMAN, MD, Henry H 1930 Chestnut St Philadelphia PA 19103	R	POLCINO, MD, Samuel C 819 E Allegheny Ave Philadelphia PA 19134	FP
NIMOITYN, MD, Benjamin S 4803 N 11th St Philadelphia PA 19140	IM	ORIORDAN, MD, Joseph P 8020 Castor Ave Philadelphia PA 19152	OTO	PARK, MD, Sang Tee 255 S 17th St Philadelphia PA 19103	GS	PERLOFF, MD, Leonard J 528 Graystone Rd Marion PA 19066	GS	POLIN, MD, Edward B 7810 Old York Rd Elkins Park PA 19117	IM
NISENBAUM, MD, Harvey L 618 Greythorne Rd Wynnewood PA 19096	R	ORMAN, MD, Jack M Cedarbrook Hill Apts Wyncota PA 19095	FP	PARKER, MD, Janet A 3300 Hanry Ave Phila PA 19129	R	PERLSTEIN, MD, Samuel M 7580 Hollywood Blvd Los Angeles CA 90046	D	POLIN, MD, Joel I 8361 Glen Rd Elkins Park PA 19117	OBG
NOBEL, MD, Golda R 2006 Dalancey St Philadelphia PA 19103	FP	ORNE, MD, Martin T 111 N 49th St Philadelphia PA 19139	P	PARKS, MD, Donald B 4645 Morris St Philadelphia PA 19144	FP	PERRI JR, MD, Anthony J 1519 S Broad St Philadelphia PA 19147	U	POLINSKY, MD, Martin S Apt 401 High Road Andalusia PA 19020	PD
NOBEL, MD, Joel J 5200 Butler Pike Plymouth Mtg PA 19462	GS	ORR, MD, Paul L One Bala Ave Bala Cynwyd PA 19004	P	PARR, MD, Justin L 339 S 4th St Philadelphia PA 19106	PTH	PERRINE, MD, Jane E 425 Emerson Rd Huntingdn Vly PA 19006	P	POLISHOOK, MD, Robert D 111 N 49th St Philadelphia PA 19139	P
NOBLE, MD, Paul H 111 S 11th St #6217 Philadelphia PA 19107	TS	ORR, MD, Sidney H 5735 Ridge Ave Philadelphia PA 19128	GS	PARRY, MD, Carolyn E Penna Hosp Rad Dept Philadelphia PA 19107	R	PERROTTA, MD, Sante L 3839 Chalfont Dr Philadelphia PA 19154	FP	POLK, MD, Lewis D 500 S Broad St Philadelphia PA 19146	PD
NON, MD, Diosdado P Rd#3 Elton Rd Box 476 Freehold NJ 07728	PTH	OSCAR, MD, Alvin D 538 Sussex Rd Wynnewood PA 19096	OTO	PARRY, MD, H Frazer 108 W Springfield Ave Philadelphia PA 19118	PM	PERSING, MD, Kathryn C 7 Rock Point Rd Whaaling WV 28003	P	POLLACK, MD, Howard M 531 Ashmesd Rd Chellenham PA 19012	R
NOONE, MD, R Barrett Lankenau Med Bldg #309 Philadelphia PA 19151	PS	OSCHELL, MD, William J Frienda Hosp Rsvlt Adams Philadelphia PA 19124	IM	PASDAR, MD, Homayoon 3910 Powalton Ave 202 Philadelphia PA 19104	TS	PERSKY, MD, Abram H 2201 Parkway Philadelphia PA 19130	OTO	POLLOCK, MD, Jeffray L 7601 Buslaton Ave #317 Philadelphia PA 19152	D
NORRIS, MD, Charles M 3401 N Broad St Philadelphia PA 19140	OTO	OSLICK, MD, Theodore Hahnemann Hosp Philadelphia PA 19102	IM	PASHMAN, MD, David R 86 McLadden Dr Huntingdon Vly PA 19006	ORS	PERZLEY, MD, Richard I 7th & Spruce St Philadelphia PA 19106	PD	POMPIZZI, MD, Ermin D 5735 Ridge Ave Philadelphia PA 19128	FP
NORRIS, MD, Robert F 430 Colebrook Ln Bryn Mawr PA 19010	PTH	OSNOSS, MD, Kenneth L 1320 Raca St Philadelphia PA 19107	IM	PASKIN, MD, David L 239 S 3rd St Philadelphia PA 19106	GS	PETERSON, MD, Donald D 655 S Highland Ave Marion PA 19066	IM	PONTARELLI, MD, Domenic J 800 Cottman Ave Ste 106 Philadelphia PA 19111	OBG
NORTHROP, MD, Bruce E 1025 Walnut St Philadelphia PA 19107	NS	OSORIO, MD, Emmanuel P 5245 Oxtord Rd Philadelphia PA 19124	OBG	PASOUARIELLO, MD, Patrick S 5555 Wissahickon Ave Philadelphia PA 19144	IM	PETTINELLI, DO, Frank P 1337 S 9th St Philadelphia PA 19147	FP	POPKY, MD, George L 8801 Cretald St Philadelphia PA 19118	R
NOSHENY, MD, Stanley Z 8021A Castor Ave Philadelphia PA 19152	IM	OSTERHOLM, MD, Jawall L 579 Huston Rd Radnor PA 19087	NS	PATEL, MD, Manubhai R 10104 Bustleton Ave Philadelphia PA 19116	GS	PETTIT, MD, Horace 123 Kennedy Rd Bryn Mawr PA 19010	IM	PORRECA, MD, Eugene G 3806 Bensalem Blvd #41 Bensalem PA 19020	GS
NOWOSLAWSKI, MD, Joseph F 20 Lodges Ln Bala Cynwyd PA 19004	FP	OSTRUM, MD, Bernard J 2040 Riffanhouee Sq Philadelphia PA 19103	R	PATNAIK, MD, Ramprasad 3329 Jeffray Dr Dreshar PA 19025	GS	PETTIT, MD, Mary D 606 Pambroke Rd Bryn Mawr PA 19010	OBG	PORRECA, MD, George A 1843 S Broad St Philadelphia PA 19148	OBG
NUSBAUM, MD, Moreye Grad Hosp-Univ Of Pa Philadelphia PA 19146	GS	OTOOLE, MD, Thomas F 415 Lycaum Ave Philadelphia PA 19128	FP	PATTERSON, MD, John R 111 S 11th St Phila PA 19107	IM	PFEIFFER, MD, Mildred C 358 Vly Rd Box 53 Merion Stn PA 19068	PRM	PORTER, MD, Mary M 350 Walnut Ave Wayne PA 19087	PTH
NUSSBAUM, MD, Joseph 501 Wyncota House Wyncota PA 19095	R	OTTENBERG, MD, Donald J Eaglevilla Hosp Eaglevilla PA 19408	IM	PATTERSON, MD, Robert J 666 E Penn St Philadelphia PA 19144	IM	PHELAN, MD, Thomas I 632 Nawlin Rd Springfield PA 19004	GS	PORTNER, MD, Jsy H 80 E Township Line Philadelphia PA 19117	GS
NWE, MD, Khin M 8 Westbrook Dr Cherry Hill NJ 08003	AN	OWEN, MD, John J 630 Fordham Rd Bala Cynwyd PA 19004	AN	PAUL, MD, Albert J 7505 Castor Ave Philadelphia PA 19152	FP	PHILLIPS, MD, David J 30 W Penn St Philadelphia PA 19144	FP	PORTNER, MD, William J 1452 Southwind Way Drasher PA 19025	R
OAKS JR, MD, Wilbur W 230 N Broad St Philadelphia PA 19102	IM	PACKMAN, MD, Barry E 1107 Bryn Mawr Ave Bala Cynwyd PA 19004	IM	PAUL, MD, Anthony R 814 E Durham St Philadelphia PA 19119	IM	PHILLIPS, MD, William A 80 Meadowbrook Dr Princeton NJ 08540	P	POSATKO, MD, Robert J 5735 Ridge Ave Ste 105 Philadelphia PA 19128	OBG
OBRIEN, MD, William R 111 N 49th St Philadelphia PA 19139	P	PACKMAN, MD, Martin Park Drive Manor A317 Philadelphia PA 19144	FP	PAUL, MD, Champa 1194 Dickinson Dr Ysrdley PA 19067	PTH	PICCONI, DO, Bruce R 1907 S Broad St Philadelphia PA 19148	IM	POSTERNACK, MD, Melwyn L 1801 John F Kannady Blvd Philadelphia PA 19103	P
O'CONNELL, MD, Fred H Prov Mut 4601 W Mkt St Philadelphia PA 19139	IM	PADGET, MD, Edward S 1207 Addison St Philadelphia PA 19147	AN	PAUL, MD, Geraon S 1323 W Tabor Rd Philadelphia PA 19141	OBG	PICK, MD, Ernest J North East Med Ctr Philadelphia PA 19114	R	POTSIC, MD, William P 1 Childrans Cir Philadelphia PA 19104	OTO

POTTASH, MD, Ruben R 1205 Wyngate Rd Wynnewood PA 19096	P	RAMOS-TARAMPI, MD, Lourdeline G 11 Blancocoy Rd Merion Sta PA 19068	AN	RICHARDSON, MD, George A 1532 Overington St Philadelphia PA 19124	OTO	RODMAN, MD, Theodore 3401 N Broad St Philadelphia PA 19140	IM	ROSENZWEIG, MD, Max 800 S 57th St Philadelphia PA 19143	FP
POWELL, MD, Edwin J #2 Bala Cynwyd Plz 11-21 Bala Cynwyd PA 19004	ORS	RANA, MD, Nilesh C 16th & Girard Ave Philadelphia PA 19130	IM	RICHARDSON, MD, Paul A 2054 Pine St Philadelphia PA 19103	R	RODOLICO, MD, Joseph M 2218 S Broad St Philadelphia PA 19145	P	ROSETT, MD, Jeffrey S 1504 Barn Swallow Dr Cornwells Hgts PA 19020	FP
PRAOHAN, MD, Ramesh S Frankford Hospital Philadelphia PA 19124	R	RANDALL, MD, Peter 3400 Spruce St Philadelphia PA 19104	PS	RICHMAN, MD, Morton W 10101 Academy Rd Philadelphia PA 19114	OPH	RODRIGUEZ-BROATCH, MD, Carlos R 5735 Ridge Ave Ste 105 Philadelphia PA 19126	OBG	ROSNER, DO, Marvin L 201 N 8th St Philadelphia PA 19106	IM
PRALL, MD, Robert C 3905 Sierra Dr Austin TX 78731	P	RANIERI, MD, Tito A 2320 S Broad St Philadelphia PA 19145	GS	RICHMOND, MD, Allen C Knights & Red Lion Rd 201 Philadelphia PA 19114	OPH	ROGERS, MD, James F 5300 Cedar Ave Philadelphia PA 19143	U	ROSNER, MD, Isador K 257 Wiltshire Rd Philadelphia PA 19151	FP
PRASASVINICHAI, MD, Sriprayoon Hahnemann Med Col Philadelphia PA 19102	R	RAPHAELY, MD, Russell C Childrens Hosp Philadelphia PA 19104	AN	RICHTER, MD, Melvyn P Amer Oncologic Hosp Rad Philadelphia PA 19111	R	ROGERS, MD, R Claude 181 Highland Cir Bala Cynwyd PA 19004	PM	ROSNER, MD, William F 8909 Turton Dr Philadelphia PA 19115	R
PREHATNY, MD, John R 402 Penn Rd Wynnewood PA 19096	GS	RASCOE JR, MD, Robert R 3400 Spruce St Philadelphia PA 19104	OBG	RICKELS, MD, Karl 3600 Spruce St 203 Philadelphia PA 19104	P	ROGERS, MD, William C 1822 W Diamond St Philadelphia PA 19121	FP	ROSS, DO, Harris A 8109 Pennhill Rd Elkins Park PA 19117	FP
PRESCOD, MD, Horace J 30A Baily Rd Yeadon PA 19050	P	RASHKIS, MD, Harold A Elkins Pk House Ste 105A Elkins Park PA 19117	P	RIEHS, MD, Jules A 422 Ashbourne Philadelphia PA 19117	GS	ROITMAN, MD, Harry B 483 N Highland Ave Merion PA 19068	OBG	ROSS, MD, John J 1828 Sherwood Rd Rydal PA 19048	OBG
PRESSMAN, MD, Maurie D Society Hill Twrs 17 B Philadelphia PA 19107	P	RAUER, MD, Lester 5030 Oxford Ave Philadelphia PA 19124	PTH	RIES, MD, Anthony N 4838 N 5th St Philadelphia PA 19120	FP	ROMAN, MD, Laurian 228 Old Lancaster Rd Merion PA 19068	IM	ROSS, MD, R Douglas 1015 Walnut St Rm 300 Philadelphia PA 19107	OBG
PRESSMAN, MD, Robert S 170 W Olney Ave Philadelphia PA 19120	IM	RAUNIO, MD, Anne M Ms #404 230 N Broad St Philadelphia PA 19107	OBG	RIGG, MD, L Isobel 1015 Chestnut # 1013 Philadelphia PA 19107	P	ROMANOW, MD, Peter W 497 Queen Anne Drive Fairless Hills PA 19030	ORS	ROSSI, MD, Ralph A 8245 Elmwood Ave Philadelphia PA 19142	FP
PREUCEL, MD, Robert W 3400 Spruce St Philadelphia PA 19104	OBG	RAVDIN, MD, Elizabeth G 3400 Spruce St Ste 1000 Philadelphia PA 19104	US	RILEY, MD, Cyril A 302 N 41st St Philadelphia PA 19104	FP	ROMBEAU, MD, John L Univ Of Pa Hosp Philadelphia PA 19104	CRS	ROSSMAN, MD, Bernard S One Bala Ave Ste Lg Bala-Cynwyd PA 19004	IM
PRICE JR, MD, Henry L 230 N Broad St Philadelphia PA 19102	AN	REAROON, MD, Mary R 3401 N Broad St Philadelphia PA 19140	AN	RISTIN, MD, Norman Graduate Hoop Dept Rad Philadelphia PA 19146	R	ROMY, MD, Maurice 434 Fitzwater St Philadelphia PA 19147	NS	ROSSMAN, MD, Ronald E 250 S 18th St Apt 801 Philadelphia PA 19103	IM
PRICE, MD, Joseph W 514 E Sedgwick St Philadelphia PA 19119	FP	REBER, MD, Jacob 14 E Newfield Way Bala Cynwyd PA 19004	OPH	RITCHIE 3RD, MD, John C 315 N Lansdowne Avenue Lansdowne PA 19050	P	RONIS, MD, Bernard J 2108 Spruce St Philadelphia PA 19103	OTO	ROTH, MD, James L 51 N 39th St Ste 3233 Philadelphia PA 19104	IM
PRICE, MD, Raphael I 666 E Penn St Philadelphia PA 19144	GS	RECIK, MD, Halit 287 Perry St Philadelphia PA 19117	AN	RITCHIE, MD, David J Mercy Catholic Med Ctr Darby PA 19023	R	RONIS, MD, Max L 4145 Timber La Philadelphia PA 19144	OTO	ROTHKOPF, MD, Brad M 8231 Old York Rd Philadelphia PA 19141	IM
PROCACCI, MD, Pasquale M 1907 S Broad St Philadelphia PA 19148	IM	REDDY, MD, Subash C 1027 Burnley Ct Cornwells Hgts PA 19020	AN	RITCHIE, MD, William G 501 Righters Mill Rd Penn Valley PA 19072	R	ROQUE, MD, Richard M 3658 Frankford Ave Philadelphia PA 19134	OBG	ROTHKOPF, MD, Henry 6231 Old York Rd Philadelphia PA 19141	FP
PROMISLOFF, DO, Robert A 823 Lombard St Philadelphia PA 19147	IM	REECE, MD, William W 16th & Girard Ave Philadelphia PA 19130	FP	RITTER, DO, Arnold 950 Walnut St Philadelphia PA 19107	PTH	ROSATO, MD, Ernest F Univ Of Pa 3400 Spruce Philadelphia PA 19104	GS	ROTHMAN, MD, Maurice M 1901 Jfk Blvd #2504 Philadelphia PA 19103	IM
PRYOR, MD, Charles A Gen Del Box 124 Fpo San Francisco CA 96651	OTO	REED, MD, Charles R 8001 Roosevelt Blvd 301 Philadelphia PA 19152	PD	RITTER, MD, Charles W 1212 Wakeling St Philadelphia PA 19124	AN	ROSATO, MD, Francis E Thom Jeff Univ Dpt Surg Philadelphia PA 19107	GS	ROTHMAN, MD, Richard H 8th & Spruce Sts Philadelphia PA 19107	ORS
PUGH, MD, James E 814 Church Lane Yeadon PA 19050	IM	REED, MD, Peter W 1521 Fairway Dr Lima OH 45805	R	RITTER, MD, Deborah E 1212 Wakeling St Philadelphia PA 19124	AN	ROSCOE, MD, Constantine 7228 Castor Ave Philadelphia PA 19149	PD	ROTKO, MD, Bernard B 80 E Township Line Rd Philadelphia PA 19117	IM
PUGLISI, MD, Anthony S 1335 Tabor Rd Philadelphia PA 19141	ORS	REESE, MD, Walter D 2200 Washington Ln Huntingdn Vly PA 19006	OBG	RITTER, MD, Joseph A 1034 Bryn Mawr Ave Narberth PA 19072	PD	ROSE, MD, Edward Kendal #33 Kennett Square PA 19348	IM	ROTTENBERG, DO, Louis 1831 Fawn Lane Huntingdn Vly PA 19006	FP
PUGLISI, MD, Vincent 1813 S 13th St Philadelphia PA 19148	FP	REESE, MD, Warren S 432 W Montgomery Ave 404 Haverford PA 19041	OPH	RIZZUTO, MD, Paul A 9789 Veree Rd Philadelphia PA 19115	FP	ROSE, MD, Elizabeth K Kendal #33 Kennett Square PA 19348	PRM	ROUSE, MD, Paul V 7032 Torresdale Ave Philadelphia PA 19135	U
PUNIM, MD, Jaffray A 1919 Chestnut St Philadelphia PA 19103	IM	REIBER, MD, David E 8000 Greene St Philadelphia PA 19144	IM	ROBBINS, MD, Robert 3401 N Broad St Philadelphia PA 19140	R	ROSE, MD, Isadore 8000 W Oxford St Philadelphia PA 19151	IM	ROVNER, MD, Harold 1930 Chestnut St Philadelphia PA 19103	GS
PUTNAM, MD, Richard C Lankana Med Bldg Philadelphia PA 19151	IM	REICHEL, MD, Frederick A 51 N 39th St Philadelphia PA 19104	GS	ROBBINS, MD, William S 10 Pres Blvd S Ste 200B Bala Cynwyd PA 19004	P	ROSE, MD, Leslie L 230 North Broad St Philadelphia PA 19102	IM	ROVNO, MD, Herbert 1510 Oak Creek Dr 303 Palo Alto CA 94304	FP
QUALLS, MD, Donald M 216 Lankana Med Bldg Philadelphia PA 19151	ORS	REIHELD-ERNEY, MD, Lynn L 728 Rodman St Philadelphia PA 19147	PD	ROBERTS, MD, Brooke 3400 Spruce St Philadelphia PA 19104	GS	ROSEMOND, MD, George P 3401 N Broad St Philadelphia PA 19140	GS	ROWMAN, MD, Leo 211 E Wyoming Ave Philadelphia PA 19120	FP
QUATTRONE, MD, Paul C 5000 Ovarbrook Ave Philadelphia PA 19131	R	REITER, MD, David 511 Reiter's Mill Rd Narberth PA 19072	OTO	ROBERTS, MD, Jay D 111 S 11th St Philadelphia PA 19107	PM	ROSEN, MD, David 8001 Roosevelt Blvd-200 Philadelphia PA 19152	IM	ROXBY JR, MD, John B 215 Vassar Ave Swarthmore PA 19081	D
QUINN, MD, Graham E 286 Willow Grove Ave Philadelphia PA 19118	OPH	REITER, MD, Victor E Windsor Towers Kyoto 10K Cherry Hill NJ 08002	PTH	ROBERTS, MD, John M 8815 Germantown Ave Philadelphia PA 19118	GS	ROSEN, MD, Jacob C 918 Warwick Apts Atlantic City NJ 08401	R	ROXBY, MD, Bruce S Temple U Hlth Svs Philadelphia PA 19122	IM
RABINOWITZ, MD, Howard K 28 Liberty Ln Cherry Hill NJ 08002	PD	RENZI, MD, Anthony M 2301 S Broad St Philadelphia PA 19148	R	ROBERTS, MD, Joan M 717 Bethlehem Pike Philadelphia PA 19118	OBG	ROSEN, MD, Joseph H 470 Ballytora Rd Wynnewood PA 19096	R	ROY, MD, Robert H 51 N 39th St Philadelphia PA 19104	R
RABINOWITZ, MD, Isaac 4136 Girard Ave Philadelphia PA 19104	FP	RESNICK, MD, Albert B 7784 Mellon Rd Wyncote PA 19095	P	ROBERTSON, MD, John W 1335-49 Tabor Rd Philadelphia PA 19141	GS	ROSEN, MD, Marvin I Cedarbrook Hill Apts Wyncote PA 19095	OBG	RUBIN, DO, Carl S 213 Douglas Ct Moorestown NJ 08057	R
RABSON, MD, Moses 1133 Ashbourne Rd Cheltenham PA 19012	ORS	RESNICK, MD, Edward J 3401 N Broad St Philadelphia PA 19140	ORS	ROBIN, DO, F Philip 7924 Hidden Lane Elkins Park PA 19117	FP	ROSEN, MD, Rhoda 1101 Valley Rd Melrose Prk PA 19126	OBG	RUBIN, MD, Alan 1905 Spruce St Philadelphia PA 19103	OBG
RACKOW, MD, Lawrence L Walsh&Roosavelt # 18 Philadelphia PA 19114	IM	RESNICK, MD, George J 2238 S 20th St Philadelphia PA 19145	FP	ROBINSON JR, MD, James J 403 Sentner St Philadelphia PA 19120	FP	ROSENBAUM JR, MD, Leon Cedarbrook Hill Apts Wyncote PA 19095	FP	RUBIN, MD, Emanuel 230 N Broad St Philadelphia PA 19102	PTH
RADBILL, MD, Sidney G 1919 Chestnut St Philadelphia PA 19103	OPH	RESNIK, MD, Alan M 1427 Spruce St Phila PA 19102	CRS	ROBINSON, MD, Frederick A 1900 Garrett Rd Lansdowne PA 19050	IM	ROSENBAUM, MD, Armand L 1335 W Tabor Rd Philadelphia PA 19141	GS	RUBIN, MD, Edward 255 S 17th St Ste 1509 Philadelphia PA 19103	GS
RADBILL, MD, Samuel X 7043 Elmwood Ave Philadelphia PA 19142	PD	RESURRECCION, MD, Rosario 1347 Holcomb Huntingdn Vly PA 19006	AN	ROBINSON, MD, James H 1211 Chestnut St Ste 800 Philadelphia PA 19107	GS	ROSENBAUM, MD, Jerry L 1830 Fawn Lane Huntingdn Vly PA 19006	IM	RUBIN, MD, Marc R 2382 Whitehorse Pk Trenton NJ 08619	IM
RAFFENSPERGER, MD, Bruce W 717 Bethlehem Pk Philadelphia PA 19118	OBG	REX, MD, Richard O 10 E Chestnut Hill Ave Philadelphia PA 19118	FP	ROBINSON, MD, Louis C 1919 Chestnut St Philadelphia PA 19103	US	ROSENBERG, MD, Irving 8800 C Castor Ave Philadelphia PA 19149	CRS	RUBIN, MD, S Bruce 2311 Cottman Ave Philadelphia PA 19149	OBG
RAGGI, MD, Flora 102 W Manheim St Philadelphia PA 19144	P	REYNOLDS, MD, Chester 448 104th St Stona Harbor NJ 08247	PRM	ROBINSON, MD, Leslie S 8101 St Martins Lane Philadelphia PA 19119	IM	ROSENBERG, MD, Morton 8823 Patton Rd Philadelphia PA 19118	PD	RUBINSTEIN, MD, Parcy M 4045 Balt Ave D5 Box 37 Philadelphia PA 19104	FP
RAINES, MD, Herbert S 6897 N 19th St Philadelphia PA 19128	FP	REZNAK, MD, Stephen E 1243 Wyngate Rd Wynnewood PA 19098	N	ROBINSON, MD, Martin H 1335 E Cardaza St Philadelphia PA 19119	P	ROSENBERG, MD, Philip 1919 Chestnut St Philadelphia PA 19103	IM	RUBY, MD, Marianne 1914 A Rodman St Philadelphia PA 19148	OBG
RAJA, MD, Rasib M York & Tabor Rds Philadelphia PA 19141	IM	RHOADS JR, MD, Jonathan E 3300 Henry Ave Philadelphia PA 19129	TS	ROBINSON, MD, Nathaniel M 5229 Spruce St Philadelphia PA 19139	IM	ROSENBERG, MD, Paul E 1015 Corn Crib Dr Huntingdn Vly PA 19006	D	RUDIC, MD, Ernest 931 Denston Dr Ambler PA 19002	IM
RAJARATNAM, MD, Emma P 9250 Verree Rd Philadelphia PA 19115	PD	RHOADS, MD, Donald V 8619 Germantown Ave Philadelphia PA 19119	IM	ROBINSON, MD, William P 4101 Tyson St Philadelphia PA 19135	OPH	ROSENBERG, MD, Randy M 718 Carmet Rd Rydal PA 19048	N	RUDMAN, MD, I Ellis 7300 Germantown Ave Philadelphia PA 19119	IM
RAKOFF, MD, Abraham E 130 S 9th St Philadelphia PA 19107	OBG	RHOADS, MD, Jonathan E 131 W Walnut Ln Philadelphia PA 19144	GS	ROCCO, MD, Nicholas J 2202 S Broad St Philadelphia PA 19145	IM	ROSENFELD, MD, Joel C 828 Kenilworth St Philadelphia PA 19147	GS	RUDNICK, MD, Herman D 8806 Castor Ave Philadelphia PA 19149	P
RALPH, MD, Nathan 828 Deerfield Lane Bryn Mawr PA 19010	IM	RHOADS, MD, Rebecca M 163 Montrose Circle Durham NC 27707	US	RODA, MD, Paul I 256 Crosshill Penn Wynne PA 19151	IM	ROSENFELD, MD, Richard N 1201 W Olney Ave Philadelphia PA 19141	IM	RUDNICK, MD, Michael R 2200 Franklin Pky E1506 Philadelphia PA 19130	IM
RALSTON, MD, Edgar L 3400 Spruce St Philadelphia PA 19104	ORS	RICCHETTI, MD, Robert J 3854 Linden Ave Philadelphia PA 19114	PD	RODGERS, MD, Allan F 427 Tregaron Rd Bala Cynwyd PA 19004	US	ROSENOW JR, MD, Edward C 1901 Walnut St Philadelphia PA 19103	IM	RUDOLPH, MD, Joseph 270 Wiltshire Philadelphia PA 19151	P
RAMBO, MD, Victor C 8101 N Morris St Apt 712 Philadelphia PA 19144	OPH	RICHARDSON, MD, Francis L 9637 Bustleton Ave Philadelphia PA 19115	PD	RODGERS, MD, Joseph F 111 S 11th St Ste 4187 Philadelphia PA 19107	IM	ROSENTHAL, MD, David E York&Meetinghouse Rds Elkins Park PA 19117	IM	RUETSCHLIN, MD, James H 5150 Leiper St Philadelphia PA 19124	FP

RUGART, MD, Karl F 811 Spruce St Philadelphia PA 19107	OBG	SARIN, MD, Lov K Lancaster & City Line Av Philadelphia PA 19151	OPH	SCHMIDT JR, MD, Erwin R 611 Elm Ave Swarthmore PA 19081	ORS	SCOTT, MD, Earl S 3018 Market St Philadelphia PA 19104	PRM	SHANAHAN, MD, J Ruah 419-21 Lankenau Med Bldg Philadelphia PA 19151	IM
RUGEL, MD, Stanley J 700 W Roosevelt Blvd Philadelphia PA 19140	FP	SARSHIK, MD, Milton 527 Foxcroft Sq Apts Jenkintown PA 19048	PD	SCHMITT, MD, Albrecht 602 Bethlehem Pike Ambler PA 19002	OBG	SCOTT, MD, Henry 1727 W Erie Ave Philadelphia PA 19140	FP	SHANKAR, MD, V S Croz-Ches Med Ctr Chester PA 19013	NS
RUNK, MD, Lorenzo G 1514 Woll St Philadelphia PA 19145	N	SASTRY, MD, Dasika M 8118 Bustleton Ave Philadelphia PA 19152	TS	SCHMUKLER, DO, Anita G 203 Sycamore Ave Merion Sta PA 19068	P	SCOTT, MD, John P 737 S Latch S Lane Merion Ste PA 19066	PD	SHANNON, MD, Gerard M 8118 Bustleton Ave Philadelphia PA 19152	OPH
RUSH, MD, Irving A C410 Presidential Aprs Philadelphia PA 19131	OTO	SATALOFF, MD, Joseph 28 Overhill Rd Cynwyd PA 19004	OTO	SCHNALL, MD, Charles 7516 City Line Ave Philadelphia PA 19151	IM	SCOTTI, MD, Daniel M 2301 S Broad St Meth Hoa Philadelphia PA 19148	R	SHAPIRO, DO, Bertram P 1810 Ne 118 Rd N Miami FL 33181	FP
RUTBERG, MD, Franklin L 20 Conshohocken Rd Bala Cynwyd PA 19004	OTO	SATALOFF, MD, Robert T 1721 Pine St Philadelphia PA 19103	OTO	SCHNALL, MD, David J 3896 Pine St Huntingdn Vly PA 19006	PD	SEARS, MD, Henry F 215 Sunrise Ln Philadelphia PA 19118	GS	SHAPIRO, MD, Jacob 1512 Sheffield Lane Philadelphia PA 19151	FP
RUTBERG, MD, Jack 81 Highland Ave Middletown NY 10940	IM	SATINSKY, MD, Jonathan D Lankenau Med Bldg Philadelphia PA 19151	IM	SCHNALL, MD, Nathan 7310 Cestor Ave Philadelphia PA 19152	OBG	SEBOK, MD, Marianne 7902 Knox Rd Philadelphia PA 19118	IM	SHAPIRO, MD, Leonard H 117 S 17th St 10th Floor Philadelphia PA 19103	OBG
RUTTENBERG, DO, Norman F Frankford & Waking St Philadelphia PA 19124	R	SATTILARO, MD, Anthony J 1919 Chestnut St #2708 Philadelphia PA 19103	AN	SCHNAUFER, MD, Louise Childrens Hoap Philadelphia PA 19104	PD	SEDLACEK, MD, Thomas V 230 North Broad St Philadelphia PA 19102	OBG	SHAPIRO, MD, Nathan B 7715 Castor Ave Philadelphia PA 19152	FP
RUTTENBERG, MD, Bertram A 315 Berkeley Rd Merion PA 19068	P	SAUCO, MD, M Concepcion Andorra Shopping Ctr Philadelphia PA 19128	OBG	SCHNEEBERG, MD, Arthur L Suite 202 1335 Tabor Rd Philadelphia PA 19141	U	SEELAUS, MD, Jere F Abington Mem Hoap Rad Dp Abington PA 19001	R	SHAPIRO, MD, Richard P 3939 Conshohocken Ave Philadelphia PA 19131	FP
RYAN, MD, Charles S Sun Co 100 Matsontord Rd Radnor PA 19087	IM	SAUL, MD, Leon J 275 Highland Ave Media PA 19063	P	SCHNEEBERG, MD, J Myron Suite 202 1335 Tabor Rd Philadelphia PA 19141	U	SEGAL, MD, Bernard L 1320 Race St Philadelphia PA 19107	IM	SHAPIRO, MD, Samuel S 340 Narragansett La Jamesburg NJ 08831	FP
RYAN, MD, Helen M B-308 Cederbrook Hill Wyncote PA 19095	US	SAUL, MD, Richard B 427 Old Gulph Rd Nerberth PA 19072	P	SCHNEEBERG, MD, Norman G 191 Pres Blvd Ste 102 Bala Cynwyd PA 19004	IM	SEGAL, MD, Hyman I 4 E Overhill Rd Bala Cynwyd PA 19004	IM	SHARE, MD, Isiah A Suite W-1 191 Prea Blvd Bala Cynwyd PA 19004	P
RYAN, MD, James J Presidential Apt D 120 Philadelphia PA 19131	P	SAVACCOL, MD, Jacob W 148 W Tulpehocken St Philadelphia PA 19144	IM	SCHNEIDER, MD, Bernard 2301 S Broad St Philadelphia PA 19148	OPH	SEGAL, MD, Louis 3031 Sedgwick St Nw 104E Washington DC 20008	FP	SHARIFI-AZAD, MD, Said 52 Downing St Cherry Hill NJ 08003	AN
RYAVE, MD, Steven S 2099 Woodlawn Ave Glenside PA 19038	EM	SAVARESE, MD, Ronald P 8th & Spruce St Philadelphia PA 19107	GS	SCHNEIDER, MD, Henry C 1245 Highland Ave Abington PA 19001	CRS	SEIDEN, MD, Joseph A Park Town W-1811 B1 Pkwy Philadelphia PA 19130	FP	SHARPLES, MD, Wynne 1200 S Ocean Blvd Palm Bch FL 33480	FP
RYNES, MD, Samuel E 334 S 21st St Philadelphia PA 19103	IM	SAVINO, MD, Peter J 922 Locust St Philadelphia PA 19107	OPH	SCHNEIDER, MD, Jan Medical Coll Ot Penna Philadelphia PA 19129	OBG	SEIDMAN, DO, Larry S 532 Devereaux St Philadelphia PA 19111	OBG	SHARPS, MD, Frank 905 N 5th St Philadelphia PA 19123	FP
SABANAYAGAM, MD, Ponnampalam 15th St & Uplend Ave Chester PA 19013	TS	SAYEN, MD, John J 3600 Spruce St Philadelphia PA 19104	IM	SCHNEIDER, MD, Lawrence H 901 Walnut St Philadelphia PA 19107	ORS	SEIFERT, MD, George L 311 Michael Rd Yardley PA 19067	OBG	SHARRAR, MD, Karen E 2142 MI Vernon St Philadelphia PA 19130	FP
SABUGO, MD, Evelyn F 9972 Woodtern Rd Philadelphia PA 19115	PD	SCARF, MD, Maxwell 1919 Chestnut St Philadelphia PA 19103	IM	SCHNEIMAN, MD, Maurice W 8379 Glen Rd Elkins Park PA 19117	P	SEITCHIK, MD, Murrey W Old York & Church Rds Elkins Park PA 19117	PS	SHASHIKUMAR, MD, V L 1335-49 W Tabor Rd 106 Philadelphia PA 19141	PD
SACKETT, MD, Charles F Episcopal Hospital Philadelphia PA 19125	IM	SCHAFFER, MD, Burton Partowne Apt W-1405 Philadelphia PA 19130	R	SCHOTT JR, MD, Clifford E Misericordia Hoap Philadelphia PA 19143	IM	SELHAT, MD, Jorf F 210 Huntingdon Park Philadelphia PA 19111	OS	SHAW, MD, Ralph A Hahnemann Hoap Philadelphia PA 19102	IM
SACKS, MD, Charles L 2275 Ibia Isle Palm Beach FL 33480	GS	SCHAFFER, MD, David B 1 Childrens Cl Philadelphia PA 19104	PD	SCHULER, MD, Shelley S 856 Park Lane Philadelphia PA 19144	FP	SELICKMAN, MD, Mitchell A 1320 Somerville Ave Philadelphia PA 19141	FP	SHAWALUK, MD, Paul D 8751 Akron St Philadelphia PA 19149	OPH
SADWIN, MD, Arnold 313 S 17th St Philadelphia PA 19103	P	SCHAFFER, MD, David W 2801 Holme Ave Philadelphia PA 19152	AN	SCHULTZ, MD, Julius 7804 Gayl St Cheltenham PA 19012	IM	SELIG, MD, Robert M 8200 Cobden Rd Laverock PA 19118	PD	SHEA, MD, Francis J 3401 N Broad St Philadelphia PA 19140	R
SAGER, MD, Ethel Carrier Clinic Box 147 Belle Mead NJ 08502	P	SCHAFFZIN, MD, Lawrence 1815 Cottman Ave Philadelphia PA 19111	US	SCHUMANN, MD, Francis 8233 Seminole Ave Philadelphia PA 19118	GS	SELLERS, MD, Allred M 718 Arlington Rd Nerberth PA 19072	IM	SHECTER, DO, Fredric M 1349 Overbrook Rd Merion PA 19151	P
SALA, MD, Luis E One Graduate Plaza Philadelphia PA 19148	GS	SCHALLER, MD, James A 8001 Roosevelt Blvd 204 Philadelphia PA 19152	OBG	SCHUSTER, MD, Albert H 255 S 17th St Philadelphia PA 19103	U	SELTZER, MD, Albert P 2104 Spruce St Philadelphia PA 19103	OTO	SHEETS, MD, Everett O 3158 Colfman Ave Philadelphia PA 19149	FP
SALAK, MD, Wasyl W 5205 N Broad St Philadelphia PA 19141	GS	SCHARFF, MD, Nicholas 807 Spruce St 9th Fl Philadelphia PA 19107	IM	SCHUT, MD, Lydia T 3107 W Coulter St Philadelphia PA 19129	P	SELTZER, MD, Benjamin 193 W Chew St Philadelphia PA 19120	OPH	SHENKIN, MD, Henry A 265 St Josephs Way Philadelphia PA 19108	NS
SALANON, MD, Paul 25 Central Ave Cheltenham PA 19012	FP	SCHATZ, MD, Norman J 8 Hawthorn Cir Lafayette HI PA 19444	N	SCHWAB, MD, Morton E 1237 Grenox Rd Wynnewood PA 19096	P	SELTZER, MD, Joseph L Jefferson Univ An Dpt Philadelphia PA 19107	AN	SHERMAN, MD, Bruce P 7720 C Stenton Ave Philadelphia PA 19118	R
SALEH, MD, Ahmed N Rd3 Philipsburg PA 16866	PTH	SCHIE, MD, Harold G 51 N 39th St Philadelphia PA 19104	OPH	SCHWAB, MD, Robert H 2401 Penna Ave Bldg 1A2 Philadelphia PA 19130	IM	SELTZER, MD, Maurice 2020 E Rhawn St Philadelphia PA 19152	FP	SHERMAN, MD, M Jackson 931 Market St Marcus Hook PA 19061	FP
SALES, MD, Irving J Latches Ln Apts 302 Merion Sta PA 19066	FP	SCHIEFELDT, DO, Barton D 121 Krewson La Cheltenham PA 19012	IM	SCHWARTZ, MD, Allen B 250 N 13th St Philadelphia PA 19107	IM	SEMANOFF, MD, Theophila C Moss Rehab Hospital Philadelphia PA 19141	PM	SHERRY, MD, Sol 3400 N Broad St Philadelphia PA 19140	IM
SALES, MD, Phoenix M 783 Lilac Dr Royal Palm Bch FL 33411	OBG	SCHERR, MD, Stuart A 220 South 18th St Philadelphia PA 19102	OTO	SCHWARTZ, MD, Albert M 1150 S 60th St Philadelphia PA 19143	FP	SEMBROT, MD, William B 8725 Ridge Ave Philadelphia PA 19128	IM	SHERWIN, MD, Roberts 10803 Timberglen Houston TX 77024	IM
SALNER, MD, Nathan P 6812 Caator Ave Philadelphia PA 19149	R	SCHIELE, MD, Herbert 8701 Springbank St Philadelphia PA 19119	P	SCHWARTZ, MD, Barry J Barclay Bldg Room 214 Bala-Cynwyd PA 19004	P	SEMISCH 3RD, MD, Charles W 1010 Eldorado Ave Clearwater Bch FL 33515	US	SHIELDS, MD, Jerry A 1801 Spring Garden St Philadelphia PA 19130	OPH
SALVO, MD, Paul J 1830 S Broad St Philadelphia PA 19145	FP	SCHIFALACOUA, MD, Philip A 474 Kenwood Rd Drexel Hill PA 19028	OTO	SCHWARTZ, MD, Emanuel E 230 N Broad St Philadelphia PA 19102	R	SENA, MD, Frank W 1061 Huntingdon Pike Huntingdn Vly PA 19006	AN	SHINNICK, DO, James P 230 N Broad St Philadelphia PA 19102	IM
SAMITZ, MD, M Harris 1715 Pine St Philadelphia PA 19103	D	SCHILLER, MD, Herbert M 311 Haws Lane Philadelphia PA 19118	FP	SCHWARTZ, MD, Gordon F 1015 Chestnut St Ste 510 Philadelphia PA 19107	GS	SENCINDIVER, MD, Paige V 508 Howe Rd Merion Sta PA 19068	GS	SHIREY, MD, Elaine D 510 Williams Rd Wynnewood PA 19096	AN
SAMPATHACHAR, MD, Kakkadasam R 4000 Gypsy Lane #617 Philadelphia PA 19144	AN	SCHIMERT, MD, Arnd P 2 Bala Cynwyd Plza II 42 Bala Cynwyd PA 19004	R	SCHWARTZ, MD, Heinz G Jefferson Med Coll Hosp Philadelphia PA 19107	PTH	SERBER, MD, William 230 N Broad St Philadelphia PA 19102	R	SHLOMCHIK, MD, Seymour 8509 Bustleton Ave Philadelphia PA 19152	ORS
SAMPSON, MD, David A 100 Church Rd Ardmore PA 19003	R	SCHIMMEL, MD, Nelson H 198 Rensselaer Rd Essex Falls NJ 07021	IM	SCHWARTZ, MD, Irving R York & Tabor Rds Philadelphia PA 19141	IM	SETH, MD, Rajendra N B-205 Merion Terr Apts Upper Darby PA 19082	IM	SHMOKLER, MD, Leon 7201 Large St Philadelphia PA 19149	FP
SAMPSON, MD, William C 6824 Quincy St Philadelphia PA 19119	FP	SCHIMMER, MD, Barry M 8th & Spruce Sts Philadelphia PA 19107	IM	SCHWARTZ, MD, Louis 921 S 3D St Philadelphia PA 19147	FP	SETHBHAKDI, MD, Somkia1 210 Locust St #4B Philadelphia PA 19108	IM	SHOBER, MD, John J 201 W Evrgn Av Apt 1010 Philadelphia PA 19118	FP
SAMSON, MD, Bienvenido T 3457 Bent Road Huntingdn Vly PA 19006	GS	SCHLAFF, MD, Lillian T 8221 Aspen Way Elkins Park PA 19117	FP	SCHWARTZ, MD, Laurence M 1245 Highland Rd Abington PA 19001	P	SETO, MD, Robert S 864 Upland Ave Chester PA 19013	TS	SHORE, DO, Eric E 7518 City Ave Ste 5 Philadelphia PA 19151	FP
SANCHEZ, MD, Blanca S 868 Delmont Dr Wynnewood PA 19096	PM	SCHLAFF, MD, Sheldon 8th & Philadelphia PA 19107	IM	SCHWARTZ, MD, Raymond 815 Oak Shade Ave Elkins Park PA 19117	IM	SEVIN, MD, Elizabeth G 420 W Price St Philadelphia PA 19144	FP	SHORE, MD, Neat A 111 N 49th St Philadelphia PA 19139	P
SANDERS, MD, Francis A 5912 Ridge Ave Philadelphia PA 19128	FP	SCHLAFF, MD, Zachary 6737 Harbison Ave Philadelphia PA 19149	IM	SCHWARTZ, MD, Reuben B 317 W Godfrey Ave Philadelphia PA 19120	D	SEYMOUR, MD, Parker M 222 S Quince St Philadelphia PA 19107	FP	SHORE, MD, Seymour M 60 E Twp Line Rd Elkins Park PA 19117	IM
SANDO, MD, Ralph S 100 Church Rd Med Bldg Ardmore PA 19003	OPH	SCHLAGER, MD, Barbara A 3300 Henry Ave Philadelphia PA 19129	R	SCHWARTZ, MD, Robert P 757 Suffolk Rd Rydal PA 19048	OBG	SGRO, MD, Antonio 301 Chatham Road Turnersville NJ 08012	FP	SHOUP, MD, George D 121 W Walnut Lane Philadelphia PA 19144	U
SANGOSANYA, MD, Abolaji A 9601 Ashton Rd Apt B7 Philadelphia PA 19114	PS	SCHLEIFER, MD, Charles R Lankenau Hosp Philadelphia PA 19151	IM	SCHWARZ, MD, Gabriel A 510 Darby Rd Havertown PA 19083	N	SHABER, MD, Gary S 328 Saybrook Rd Villanova PA 19085	R	SHRAGER, MD, Morton W 3910 Powelton Ave 207 Philadelphia PA 19104	IM
SANPEDRO, MD, Floro D 8028 Lindbergh Blvd Philadelphia PA 19153	IM	SCHLESSEL, MD, Richard B 7701 Dorcas St Philadelphia PA 19111	P	SCHWARZSCHILD, MD, Walter Penn Mutual 8th & Walnut Philadelphia PA 19172	OS	SHACKLETT, MD, Dorothy E 830 Hain Dr Lafayette Hill PA 19444	FP	SHUBIN, MD, Harry 1829 Pine St Philadelphia PA 19103	IM
SANTILLI, MD, Thomas F 3200 Cottman Ave Philadelphia PA 19149	IM	SCHLEZINGER, MD, Nathan S 130 S 9th St Philadelphia PA 19107	N	SCIPIONE, MD, C Richard 515 Meadow Lane Kng Ot Pruaia PA 19408	OTO	SHAFIA, MD, Hass 3401 W Schoolhouse Ln Philadelphia PA 19144	IM	SHUMAN, MD, Charles R 3401 N Broad St Philadelphia PA 19140	IM
SANTOYO-STEIN, MD, Maria C 1000 Urtin Ave #1810 Columbus OH 43212	AN	SCHLOSSER, MD, Woodrow D M-1 Manor Dr Fort Pierce FL 33450	OTO	SCIULLO, MD, Vincent F 428 Gladstone Ave Haddonfield NJ 08033	IM	SHAH, MD, Kirittkumar J 138 Thornhill Rd Cherry Hill NJ 08034	P	SHUSTER, MD, Eugene 324 Waring St Elkins Park PA 19117	OBG

SHUSTER, MD, Herold F 666 E Penn St Philadelphia PA 19144	ORS	SINGER, MD, Irvin 6190 Rising Sun Ave Philadelphia PA 19111	IM	SOLIMAN, MD, Menel D 2315 Pennsylvania Ave Phile PA 19130	GS	STANEK, MD, Robert Red Lion & Knights Rds Philadelphia PA 19114	OTO	STOCK, MD, Donald H 611 Meetinghouse Dr Jenkintown PA 19046	FP
SHYAMALAN, MD, Jeyelekshmi 216 Wynne Ln Penn Valley PA 19072	OBG	SINGH, MD, Gurcheran 1853 Mellerd Le Villanova PA 19085	P	SOLISH, MD, Lawrence 2359 E Allegheny Ave Philadelphia PA 19134	U	STANTON JR, MD, John J 308 W Godfrey Ave Philadelphia PA 19120	FP	STOFMAN, MD, Henry C 244 S 9th St Philadelphia PA 19103	GS
SHYAMALAN, MD, Nelliate C 216 Wynne Lane Penn Valley PA 19072	IM	SIRKEN, MD, Joseph G 1930 Chestnut St #1906 Philadelphia PA 19103	OTO	SOLIT, MD, Robert W 111 S 11th St #6229 Philadelphia PA 19107	GS	STAROSCIK, MD, Rudolf N 135 Fisher Rd Jenkintown PA 19046	GS	STOKES, MD, Renjen 1122 Penshurst Lane Nerberth PA 19072	R
SICILIANO, MD, Ernest G 1337 Lee Rd Center Square PA 19422	IM	SIVITZ, MD, Jay M Elkins Prk Plz Ste 210 Elkins Park PA 19117	OBG	SOLL, MD, David B 5001 Frankford Ave Philadelphia PA 19124	OPH	STARR, MD, Isaac 505 Cresheim Vly Rd Philadelphia PA 19116	IM	STOLOFF, MD, Irwin L 130 S 9th St Ste 1520 Philadelphia PA 19107	IM
SIEGAL, MD, Edward I 2200 B Frenk Pkwy 906 Philadelphia PA 19130	R	SIVITZ, MD, Merte E 2301 N Broad St Philadelphia PA 19148	OPH	SOLNICK, MD, Paul B 1320 Rece St Philadelphia PA 19107	IM	STARRELS, MD, Sidney H 8309 Ventnor Ave Ventnor NJ 08406	P	STONE, MD, Hrent H 645 Wigerd Ave Philadelphia PA 19128	AN
SIEGEL, MD, Bernerd Elkins Prk Plz Ste 210 Elkins Park PA 19117	OBG	SKLAROFF, MD, Devid M 5500 Old York Rd Philadelphia PA 19141	R	SOMERS, MD, Herbert J 1307 W Tebor Rd Philadelphia PA 19141	OBG	STARSNIC, MD, Mery A 522 Wyndmoor Ave Philadelphia PA 19116	AN	STOREY, MD, Petrick B U Of Pe Sch Of Md G-3 Philadelphia PA 19174	IM
SIEGEL, MD, Paul D 555 City Line Ave Bele Cynwyd PA 19004	IM	SKLAROFF, MD, Robert B 1500 Locust St Apt 4211 Philadelphia PA 19102	IM	SOMERS, MD, Laurence A 10 Andorra Hill Lefeyette HI PA 19444	GS	STARUNKO, MD, Basilio 1727 Sherwood Circle Villanova PA 19085	AN	STOTE, MD, Robert M 51 N 39th St Philadelphia PA 19104	IM
SIEGEL, MD, Seymour 8302 York Rd Elkins Park PA 19117	IM	SKROMAK, MD, Stanley J 5106 Torresdale Ave Philadelphia PA 19124	IM	SOMERS, MD, Robert G 1335 49 W Tebor Road Philadelphia PA 19141	GS	STEEL, MD, Howard H 3401 N Broad St Philadelphia PA 19140	ORS	STRANG, MD, John E 864 County Line Rd Bryn Mewr PA 19010	IM
SIEGFRIED, MD, Jay W 124 Ellis Rd Havertown PA 19083	PM	SKVERSKY, MD, Normen J 6610 Cestor Ave Philadelphia PA 19149	IM	SOMERSET, DO, William D Moss Reheb Hospital Philadelphia PA 19141	PM	STEERMAN, MD, Paul H 425 Wingete Rd Huntingdon Valley PA 19006	GS	STRATTON, MD, Henry A 1706 W Diamond St Philadelphia PA 19121	FP
SIEGLER, MD, Peter E 3837 Red Lion Rd Philadelphia PA 19114	IM	SLAP, MD, Joseph W 533 Heeth Rd Merion PA 19066	P	SOMMARIPA, MD, Amory M 6601 Stenton Ave Wyndmoor PA 19118	IM	STEIGER III, MD, William A 310 Littletown Otr Williamsburg VA 23165	IM	STRAUS, MD, Joseph F 7646 Montgomery Ave Elkins Park PA 19117	FP
SIEPSER, MD, Steven B 119 Devon Rd Peoli PA 19301	OPH	SLAVIN, MD, James W 201 Old York Rd Ste 202 Jenkintown PA 19046	PS	SONDER, MD, Mex J 1015 Porter St Philadelphia PA 19148	FP	STEIKER, MD, Daniel D 1939 Cheltenham Ave Philadelphia PA 19117	PD	STRAWITZ, MD, Joseph G Central & Shelmire Philadelphia PA 19111	GS
SIGLER, MD, Miles H 416 Heywood Rd Merion Stn PA 19066	IM	SLOANE, MD, Normen G 255 S 17th St Philadelphia PA 19103	IM	SONDHEIMER, MD, Steven J 229 N Essex Ave Nerberth PA 19072	OBG	STEIN, MD, Bernerd B 33 Old Lencaster Rd Bele Cynwyd PA 19004	FP	STRAX, MD, Thomas E 7703 Chpel Rd Elkins Prk PA 19117	PM
SILBERMAN, MD, Harvey D 156 Serrill Rd Elkins Park PA 19117	OTO	SLOANE, MD, Paul 3 Grepevine Rd Gloucester MA 01930	P	SONG, MD, Micheele C 1829 Cobden Rd Leverock PA 19116	AN	STEIN, MD, Franklin M 9300 Frankford Ave Philadelphia PA 19114	FP	STRENGE, MD, Henry J 3401 N Broad St Philadelphia PA 19140	AN
SILBERMAN, MD, Ire 309 Flornce Ave Apt 601N Jenkintown PA 19046	R	SLOTNICK, MD, Victor B 312 Melrose Rd Merion PA 19066	OS	SONG, MD, Yung-Doo 6100 Fenton Rd Leverock PA 19116	IM	STEIN, MD, George N 544 Howe Rd Merion Ste PA 19066	R	STRICKLAND, MD, S Clyde 7 Princeton Rd Wayne PA 19067	IM
SILBERSTEIN, MD, Mershe M 619 Addison St Philadelphia PA 19147	AN	SMITH JR, MD, Spencer R 269 N Ridge Ave Ambler PA 19002	IM	SONNE, MD, John C 214 W Main St Moorestown NJ 08057	P	STEIN, MD, Herbert 9140 Acedemy Rd Philadelphia PA 19114	ORS	STRITTMATTER, MD, Isidor T 999 N 6th St Philadelphia PA 19123	FP
SILBERSTEIN, MD, Stephen D 619 Addison St Philadelphia PA 19147	N	SMITH, MD, Arthur E 419 S 19th St Philadelphia PA 19146	IM	SONNEBORN, MD, Duene G 1425 Beech Ave Philadelphia PA 19126	IM	STEIN, MD, Hymen D 1680 Huntingdon Pk 206 Huntingdn Vly PA 19006	GS	STRONG, MD, George H 111 S 11th St Ste 6126 Philadelphia PA 19107	U
SILER, MD, Janet N 2909 Hunterden Dr Cinneminn NJ 08077	AN	SMITH, MD, Arthur K 535 Pine St Philadelphia PA 19106	FP	SOOHO, MD, Alen M 3817 Spruce St #306 Philadelphia PA 19104	P	STEIN, MD, Irvin 1936 Spruce St Philadelphia PA 19103	ORS	STUBBS, MD, G Winston 530 E Mt Airy Ave Philadelphia PA 19119	OPH
SILQUINI, MD, John J 2816 Cottmen Ave Philadelphia PA 19149	OPH	SMITH, MD, A Mitchell 1521 Locust St Philadelphia PA 19102	IM	SOSS, DO, Murrey C 7600 Woodbine Ave Philadelphia PA 19151	FP	STEIN, MD, Martin 629 Pine St Philadelphia PA 19106	FP	STUDDIFORD, MD, James S 717 Bethlehem Pk Philadelphia PA 19116	IM
SILK, MD, Raymond E 255 S 17th St #705 Philadelphia PA 19103	GS	SMITH, MD, Austin T 235 Lencaster Ave Devon PA 19333	OTO	SOULEN, MD, Renete L 514 Woodbine Ave Nerberth PA 19072	R	STEIN, MD, Netelio 246 Locust Street Philadelphia PA 19106	AN	STUPNIKER, MD, Sonie 1335 W Tebor Rd Philadelphia PA 19141	FP
SILLA, MD, Enrique B 262 Springton Rd Upper Derby PA 19082	FP	SMITH, MD, Glen T 2651 Lenepe Rd Philadelphia PA 19131	IM	SOUMERAI, MD, Simon West Jersey Hosp Camden NJ 08101	PTH	STEIN, MD, Raymond O 269 S 19th St Philadelphia PA 19103	ORS	STURGIS, MD, Katherine R 600 E Cathedral Rd A417 Philadelphia PA 19128	IM
SILVER, MD, Bernice S 127 Ironwood Rd Levittown PA 19057	FP	SMITH, MD, Keighn 433 Lankenau Med Bldg Philadelphia PA 19151	OBG	SOVETSKY, DO, Charles L 30 Old Covered Bridge Rd Newtown Square PA 19073	R	STEIN, MD, Seymour 220 S 16th St 11th Fl Philadelphia PA 19102	OBG	STUTMAN, MD, Fred A 3501 Newberry Rd Philadelphia PA 19154	FP
SILVER, MD, Deen R 131 Celderwood Ln Mount Laurel NJ 08054	US	SMITH, MD, Ore R 425 Gaskill St Philadelphia PA 19147	P	SPAETH, MD, George L 1601 Spring Garden St Philadelphia PA 19130	OPH	STEIN, MD, Samuel C 1919 Chestnut St #1207 Philadelphia PA 19103	IM	SU, MD, Cheo C 1225 Goodman Dr Ft Washington PA 19034	AN
SILVER, MD, Frank 1401 E Leke Meed Blvd N Les Vegas NV 69030	OBG	SMITH, MD, Rendell N 2025 Wisterie Lane Lefeyette Hill PA 19444	ORS	SPAETH, MD, Philip G 1930 Chestnut St Philadelphia PA 19103	OPH	STEINBERG, MD, Arthur 1913 Walnut St Ste 101 Philadelphia PA 19103	IM	SUFIAN, MD, Shekeeb 40 E Laurel Rd Ste 223 Stretford NJ 08084	GS
SILVER, MD, Michael M 602 Washington Sq #109 Philadelphia PA 19106	FP	SMITH, MD, Relph W 1617 W Oxford St Philadelphia PA 19121	FP	SPAGNA, MD, Peschel M Gred Hosp Dpt Surgery Philadelphia PA 19146	TS	STEINBERG, MD, Joel S 6001 Roosevelt Blvd 200 Philadelphia PA 19152	IM	SUGARMAN, MD, Samuel 1838 S 2nd St Philadelphia PA 19146	IM
SILVERMAN, MD, William S 5823 Chestnut St Philadelphia PA 19139	FP	SMUKLER, MD, Nethen M 7610 Linden Rd Philadelphia PA 19118	IM	SPARK, MD, Isadore 7810 Old York Rd Philadelphia PA 19117	P	STEINBERG, MD, Mervin E Hosp Univ Of Pe Philadelphia PA 19104	ORS	SUGIURA, MD, Henry T Presbyteren Hosp Philadelphia PA 19104	PTH
SILVERSTEIN, MD, Alexander 1901 Jfk Bldg Philadelphia PA 19103	N	SMULLENS, MD, Stanton N 111 S 11th St Philadelphia PA 19107	TS	SPECTER, MD, Jacob 5601 N Broad St Philadelphia PA 19141	GS	STEINBERG, MD, Nethen 745 S 3rd St Philadelphia PA 19147	FP	SUGIURA, MD, Sumiko M R D 2 Phoenixville PA 19480	FP
SILVERSTEIN, MD, Philip Nipm Assoc York-Tebor Philadelphia PA 19141	IM	SNOW JR, MD, James B 3400 Spruce St Philadelphia PA 19104	OTO	SPECTER, MD, Janet S 744 N 22nd St Philadelphia PA 19130	IM	STEINBERG, MD, Samuel 302 Foxcroft Sq Apts Jenkintown PA 19046	FP	SULLIVAN, MD, William H 17 N 57th St Philadelphia PA 19139	FP
SILVESTRI, MD, Archimede J 1201 W Olney St Philadelphia PA 19141	GS	SNOW, MD, Laurence H 846 Waverly Rd Bryn Mewr PA 19010	P	SPECTOR, MD, Martin 2136 Locust St Philadelphia PA 19103	OTO	STEINBERG, MD, Stanley B 406 Acedemy Circle Merion Ste PA 19066	R	SULTZ, DO, Mervin E 3131 Frankford Ave Philadelphia PA 19134	US
SIMAN, MD, Bernerd 507 Homestead Ave Haddonfield NJ 08033	AN	SNYDER III, MD, Howard Mcc Children's Hosp Of Phila Philadelphia PA 19104	U	SPELLER, MD, J Finton 245 N Broad St Suite 303 Philadelphia PA 19107	U	STEINGARD, MD, Joseph J 2601 S 12th St Philadelphia PA 19148	FP	SUN, MD, Elizabeth A 7016 Hezel Ave Upper Derby PA 19082	IM
SIMENHOFF, MD, Micheel L 15 Ogden Ave Swerthmore PA 19061	U	SNYDER, MD, Dewey A 530 Folcroft Ave Folcroft PA 19032	FP	SPIEGEL, MD, Ernest A 6807 Lawnton Ave Philadelphia PA 19126	N	STEMMLER, MD, Edward J Univ Of Pe Sch Of Med Philadelphia PA 19174	IM	SUN, MD, Evelyn L 7863 Brdwy Chpel Sq #240 Mornsville IN 48410	AN
SIMENSON, MD, Robert A Eastern Pe Psych Inst Philadelphia PA 19129	P	SNYDER, MD, Kermen 103 N Drexel Ave Havertown PA 19083	FP	SPIRO, DO, Authur W 1053 Swallow Dr Cherry Hill NJ 08003	AN	STEPHENSON, MD, Ruth Medford Lees Medford NJ 08055	US	SUNDERMAN, MD, F William 1833 Delancey Pl Philadelphia PA 19103	PTH
SIMMONS, MD, Agnes H 8411 Crene St Philadelphia PA 19153	FP	SNYDER, MD, Stuart 230 N Broad St Philadelphia PA 19102	IM	SPITZ, MD, Eugene B 32 S Morton Ave Morton PA 19070	NS	STEPPACHER, MD, Lester G 155 Willow Dr Levittown PA 19054	GS	SUNDT, MD, Linde M 9 Welsh Rd Lansdowne PA 19050	AN
SIMMONS, MD, Veughen P 904 Clinton St Philadelphia PA 19107	PRM	SNYDMAN, MD, Leonerd 2134 N Hancock St Philadelphia PA 19122	FP	SPITZER, MD, Stanley 1333 Rece St Philadelphia PA 19107	IM	STERN, MD, Lillian H 1134 Woodbine Ave Nerberth PA 19072	R	SURREY, MD, Leslie P 604 E Gorges Lane Philadelphia PA 19119	IM
SIMON, MD, William H 225 S 17th St Philadelphia PA 19103	ORS	SODEMAN, MD, William A Med Coll Of Ohio Toledo OH 43699	IM	SPLENDIDO, MD, Joseph A 608 W Cliveden St Philadelphia PA 19119	IM	STEVENS JR, MD, John M 111 N 49th St Philadelphia PA 19139	P	SURYANARAYANA, MD, B V 33 E Chestnut Hill Ave Philadelphia PA 19118	IM
SIMONIAN, MD, Simon J 230 N Broad St Philadelphia PA 19102	GS	SOFFE, MD, Alvin M 1930 Chestnut St Philadelphia PA 19103	IM	SPRAGUE, MD, George S 2200 Ben Franklin Pkwy Philadelphia PA 19130	P	STEWART, DDS, James D 109 E Laurel Rd Stretford NJ 08064	OS	SUSSMAN, MD, Mercel S 55 E Princeton Rd Bele Cynwyd PA 19004	OBG
SIMONS, MD, Howard M 314 Mervin Rd Elkins Park PA 19117	D	SOFFER, MD, Mervin 9726 Hoff St Philadelphia PA 19115	FP	SRIDHARA, MD, C Moss Reheb Hosp Philadelphia PA 19141	PM	STEWART, MD, William P 1129 Dyre St Philadelphia PA 19124	FP	SUTNICK, MD, Alton I 3300 Henry Ave Philadelphia PA 19129	IM
SIMONS, MD, William M 42 Merwood Dr Upper Derby PA 19082	IM	SOKALCHUK, MD, Andrew 11410 Bustleton Ave Philadelphia PA 19116	IM	SROUJI, MD, Maurice N Childrens Hosp Philadelphia PA 19104	GS	STEWART, MD, William W #10 Valley Forge Ex Mell Wayne PA 19087	IM	SWARTZ, MD, Joel D 27 S New Ardmore Ave Broomell PA 19008	R
SIMPSON, MD, Joseph W 2391 Hickory Rd Plymouth Mtng PA 19462	FP	SOKOLOFF, MD, Martin J 310 S 16th St Philadelphia PA 19102	IM	STACK, MD, William T 900 E Westmoreland Philadelphia PA 19134	FP	STIFFEL, MD, Arthur 1107 E Erie Ave Philadelphia PA 19124	GS	SWEENEY JR, MD, Francis J Thomas Jefferson Univ Philadelphia PA 19107	IM
SINGER, MD, Edward S 1927 Stone Ridge Lane Villanova PA 19085	IM	SOLI, MD, Soleimen M 12200 Acedemy Rd Philadelphia PA 19154	OBG	STANEK, MD, Merjorie A 441 Hickory Rd Huntingdon Valley PA 19006	IM	STIFFEL, MD, Jerry Germntwn Hsp Med Off Bdg Philadelphia PA 19144	GS	SYLVESTER, MD, Hens M 6600 Rising Sun Ave Philadelphia PA 19111	FP

SYMS, MD, Charles A 1248 E Cheltenham Ave Philadelphia PA 19124	IM	THRESHER, MD, Oliver S Redion-Knight Rd Ste 104 Philadelphia PA 19114	OBG	TURMAN, MD, Christopher 1245 Highland Av Ste 204 Abington PA 19001	OBG	WAGNER JR, MD, Frederick B 600 Chauncey Rd Narberth PA 19072	GS	WEIN, MD, Allen J 3400 Spruce St Ste W310 Philadelphia PA 19104	U
SZAL, MD, Joseph J 3457 Englewood St Philadelphia PA 19149	OBG	TICKNER, MD, Louia 4 Clinton Ave Merchantville NJ 08109	FP	TURSI, MD, Joseph J 100 Westbrook Rd Feasterville PA 19047	FP	WAGNER, MD, David K 3300 Henry Ave Philadelphia PA 19129	GS	WEINBERG, MD, Ethel Temple Univ Sch Of Med Philadelphia PA 19140	AN
SZAYNA, MD, Stanley 2101 Shelmire Ave Philadelphia PA 19152	FP	TIGER, MD, Melvyn E 8118 Old York Rd Elkins Park PA 19117	IM	TWARDY, MD, Bernadette E 8492 Drexel Rd Philadelphia PA 19151	PM	WAGNER, MD, Joseph A 733 Haverford Rd Bryn Mawr PA 19010	IM	WEINBERG, MD, Saul A 432 Water Rd Wynnewood PA 19096	P
TACHDJIAN, MD, Vaheken 1147 Morris Rd Wynnewood PA 19096	IM	TILLGER, MD, John J 418 W Duncannon Ave Philadelphia PA 19120	FP	TWER, MD, Harria 7900 Bustleton Ave Philadelphia PA 19152	OPH	WAINER, MD, Amos S 2031 Locust St Philadelphia PA 19103	OBG	WEINBERGER, MD, Emanuel M 4538 Old York Rd Philadelphia PA 19140	IM
TAEFFNER, MD, John H Apt E 4 259 W Johnna St Philadelphia PA 19144	N	TILLMAN JR, MD, Joseph M 434 W Lindley Ave Philadelphia PA 19120	OPH	TYSON, MD, R Robert 3401 N Broad St Philadelphia PA 19140	GS	WALDMAN, DO, Barry S 230 N Broad St Philadelphia PA 19102	AN	WEINBLATT, MD, Howard A 8342 High Sch Rd Elkins Park PA 19117	OBG
TAKEDA, MD, Misao 344 Valley Rd Merion PA 19066	PTH	TINSMAN, MD, J Herbert 431 Celoric Circle Topton PA 19582	FP	TZE, MD, Ka Khy 211 Lazaretto Rd #1-D Prospect Park PA 19078	FP	WALDMAN, MD, Joseph 1930 Chestnut St Philadelphia PA 19103	R	WEINER, MD, Herman L 808 S W 8th Ave Boynton Bch FL 33435	OPH
TALBOT JR, MD, Timothy R 7701 Burholme Ave Philadelphia PA 19111	IM	TIRACCHIA, MD, Joseph 9610 Frankford Ave Philadelphia PA 19114	FP	UCMAKLI, MD, Alplekin 510 N Prospect Ave Redondo Bch CA 90277	R	WALDMAN, MD, Terry L 1901 Jfk Blvd Ap 2417-18 Philadelphia PA 19103	IM	WEINER, MD, Jack 1325 W Tabor Rd Philadelphia PA 19141	D
TAN, MD, Josephine C 8245-B 5th St Philadelphia PA 19120	FP	TITUS, MD, Laborde 8019 Rugby St Philadelphia PA 19150	IM	UDELL, MD, Louis 4540 Cottman Ave Philadelphia PA 19135	OS	WALINSKY, MD, Paul 1025 Walnut St Philadelphia PA 19107	IM	WEINER, MD, Leon J 10125 Verrae Rd Philadelphia PA 19118	IM
TAN, MD, Myrna M 35301 Delaire Landing Rd Philadelphia PA 19114	AN	TOBIN, MD, Jemes V 2118D Tenn Cir Lorg Atb Limestone MA 04751	OBG	ULUS, MD, Ahmel 13011 Stevens Rd Philadelphia PA 19118	P	WALKER JR, MD, Leroy L 2308 E Allegheny Ave Philadelphia PA 19134	IM	WEINSTEIN, MD, George L 255 S 17th St Philadelphia PA 19103	OBG
TANCOR, MD, Benito 7996 Oxford Ave Philadelphia PA 19111	OBG	TOLAND, MD, Joseph C 5927 N 5th St Philadelphia PA 19120	OPH	UNAL, MD, Abdurrahman 11th & Walnut Sta Philadelphia PA 19107	US	WALKER, MD, Berry R Wyeth Lab Inc Bx 8299 Philadelphia PA 19101	IM	WEINSTEIN, MD, Jack H 320 Meadow La Merion PA 19066	P
TANNENBAUM, MD, Philip J 1500 Spring Garden St Philadelphia PA 19130	IM	TOLAT, MD, Pretima R 320 Hill House Huntingdon Valley PA 19006	OPH	URBACH, MD, John R 555 City Line Ave Bala Cynwyd PA 19004	IM	WALKER, MD, Herbert I The Benson East Rm 202B Jenkintown PA 19048	P	WEINSTEIN, MD, Jack L 2415 N 33rd St Philadelphia PA 19132	FP
TARROW, MD, Arthur B 1025 Walnut St Philadelphia PA 19107	AN	TOLEDO, MD, Francisco L 5-15 Wilde Ave Drexel Hill PA 19028	IM	URICCHIO, MD, Joseph F 2 Bala Cynwyd Pz 25 Bala Cynwyd PA 19004	IM	WALLACE, MD, Herbert W Grad Hosp U Of Pa Surg Philadelphia PA 19148	TS	WEINSTEIN, MD, Robert S 255 S 17th St Philadelphia PA 19103	OBG
TASMAN, MD, William S 187 E Evergreen Ave Philadelphia PA 19118	OPH	TOLLETT, MD, Charles A 700 Ne 37 Okla City OK 73105	GS	VACCARO, MD, V Michael The Wyncote House Wyncote PA 19095	P	WALLACE, MD, Richard P 1900 Spruce St Philadelphia PA 19103	IM	WEINSTEIN, MD, Seul F 1420 Rece St Philadelphia PA 19102	GS
TAUBER, MD, Robert 412 Valley Rd Havertown PA 19063	OBG	TOM, MD, Lawrence W 3400 Spruce St Philadelphia PA 19104	OTO	VACHARAT, MD, Nibondh Epiacopel Hosp Philadelphia PA 19125	OPH	WALLACH, MD, Edward E 807 Spruce St Philadelphia PA 19107	OBG	WEINSTOCK, MD, Robert M 515 West Chelten Philadelphia PA 19144	FP
TAUBER, MD, Stanley A 8737 Herbison Ave Philadelphia PA 19149	FP	TOMASELLO, MD, Donald N Lankanau Med Cir Sta 222 Phila PA 19151	GS	VACHRANUKUNKIET, MD, Theerasekdi PM 12 & Tabor Rd Philadelphia PA 19141	PM	WALLACK, MD, Armand A 402 Queen Anne Rd Cherry Hill NJ 08003	IM	WEINTRAUB, MD, William H 2800 Lawrence St Philadelphia PA 19133	GS
TAYLOR JR, MD, Elmer J 1025 Walnut St Rm 119 Philadelphia PA 19107	FP	TONDREAU, MD, Roderick L 523 Old Gulph Rd Bryn Mewr PA 19010	R	VAIDYA, MD, Shailendre 1229 Centennial Rd Penn Valley PA 19072	IM	WALLEN, MD, Albert D 4960 N 9th St Philadelphia PA 19141	FP	WEISBERG, MD, Paul B 210 Locust St Apt 88 Philadelphia PA 19106	IM
TAYLOR, MD, Ann G 417 Burning Tree Rd Cherry Hill NJ 08034	OBG	TONG, MD, Shiu Y 2814 Chelfield St Philadelphia PA 19138	P	VANLOON, MD, Emily L 600 E Calh Rd Apt A 321 Philadelphia PA 19128	OTO	WALLNER, DO, Paul E Med Cir One Cooper Plz Camden NJ 08103	R	WEISBURG, DO, William 8709 Mayflower Dr Bensalem PA 19020	AN
TAYLOR, MD, Daniel B 2241 Federal St Philadelphia PA 19146	U	TONKONOW, MD, William 7002 N 12th St Philadelphia PA 19128	IM	VARDARO, MD, Lina G 8500 N Third St Philadelphia PA 19128	OBG	WALSH, MD, John J 117 56th St Sea Isle City NJ 08243	IM	WEISS, MD, Albert A 1940 Heritage Rd Huntingdon Valley PA 19006	ORS
TAYLOR, MD, David D 48 Roae Valley Rd Roae Valley PA 19063	PTH	TONSEY, MD, Hebib 841 Whitmer Rd Horsham PA 19044	GS	VARKER, MD, Mary D 604 Sussex Rd Wynnewood PA 19096	FP	WAPNER, MD, Paul M The Philadelphia 10B24 Philadelphia PA 19130	OBG	WEISS, MD, Burton 1401 Arch St Philadelphia PA 19102	IM
TAYLOR, MD, Jacqueline 803 Delene Rd Jenkintown PA 19046	R	TORNAY, MD, Anthony S 179 Rennard St Philadelphia PA 19118	N	VASSALLUZZO, MD, Pasquale D 231 Hedleigh Dr Cherry Hill NJ 08003	US	WARD, MD, George W 1512 W Girard Ave Philadelphia PA 19130	PD	WEISS, MD, Charles 412 W MI Airy Ave Philadelphia PA 19119	PTH
TAYLOR, MD, James E 111 N 49th St Philadelphia PA 19139	P	TORRES, MD, Victor L 5735 Ridge Ave Ste 206 Philadelphia PA 19128	U	VASSALOTTI, MD, Stephen B 6001 Roosevelt Blvd 204 Philadelphia PA 19152	OBG	WARD, MD, Morton 2950 Dialon St Philadelphia PA 19149	IM	WEISS, MD, David L 3022 Spring Mill Rd Plymouth Meeting PA 19482	R
TEMELES, MD, Lawrence 111 Presidential Blvd Bala Cynwyd PA 19004	P	TOURTELLOTT, MD, Charles D Temple Univ Hosp Philadelphia PA 19140	IM	VAUGHN JR, MD, Arthur R 5329 Rising Sun Ave Philadelphia PA 19120	OPH	WARNER, MD, Howard F 345 Larchwood Rd Springfield PA 19064	IM	WEISS, MD, Edward D 5579 N Park Ave Philadelphia PA 19141	CRS
TEMPLETON JR, MD, John M 34th St & Civic Ctr Blvd Philadelphia PA 19104	GS	TOWNES, MD, Howard E 7600 Stenton Ave #19-G Philadelphia PA 19118	FP	VEJVIBOONSOM, MD, Pitteya 3400 Red Lion Rd #13-D Philadelphia PA 19114	IM	WARNER, MD, Siles L 111 N 49th St Philadelphia PA 19139	P	WEISS, MD, Laurence B 7450 Old York Rd Philadelphia PA 19128	P
TEMPLETON, MD, Bryce 3930 Chestnut St Philadelphia PA 19104	P	TRAUM, MD, Ronald E 829 Spruce St Philadelphia PA 19107	OBG	VELOSO, MD, Virgilio J 407 Turner Rd Media PA 19063	AN	WARNICK, MD, Richard D 4010 Hertel St Philadelphia PA 19136	IM	WEISS, MD, Robert 191 Presidential Blvd Bala Cynwyd PA 19004	IM
TEMPLETON, MD, John Y 111 S 11th St Ste 6255 Philadelphia PA 19107	GS	TREAT, MD, Michael 1530 Chealnut St Philadelphia PA 19102	IM	VERNICK, MD, Jerome J 111 S 11th St Ste 6015 Philadelphia PA 19107	GS	WASHBURN, MD, Jaqueline D 7004 Methies St Philadelphia PA 19128	IM	WEISS, MD, Sidney 2037 Locust St Philadelphia PA 19103	OPH
TEPLICK, MD, Joseph G 139 Spruce St 18B Philadelphia PA 19108	R	TRIBIT JR, MD, Charles B 5327 Large St Philadelphia PA 19124	FP	VEZA, MD, Gregorio F Epiacopal Hospital Philadelphia PA 19125	AN	WASHICK, MD, Frank A 2 Huntingdon Rd Rte #1 Greenville SC 29607	OTO	WEISS, MD, Stephen M 704 Conealogue Rd Rosemont PA 19010	GS
TEPLICK, MD, Steven K Hahnemann Med Hosp Rd Philadelphia PA 19102	R	TRIESTER, MD, Arthur N 111 S 11th St Ste 4187 Philadelphia PA 19107	IM	VICTOR, MD, Merk F 433 Clairmount Rd Villanova PA 19085	IM	WASHINGTON, MD, Buford S 2408 N 32nd St Philadelphia PA 19132	OPH	WEISS, MD, William 838 St Georges Rd Philadelphia PA 19129	IM
TEPLITZKY, MD, Arthur L 9225 Frankford Ave Philadelphia PA 19114	FP	TROMMER, MD, Philip R 258 S 18th St Philadelphia PA 19103	IM	VICTORIA, MD, Nenite V 47 N Middletown Rd Media PA 19063	PD	WASSERMAN, MD, Theodore W 424 Pine St Philadelphia PA 19106	P	WEISSMAN, MD, Joel M 2067 Circle Dr Meadowbrook PA 19046	U
TEPPER, MD, Maurice C 125 Montgomery Ave Bala-Cynwyd PA 19004	FP	TRONCELLITI, MD, Merio V 2142 County Line Rd Ardmore PA 19003	AN	VIDELL, DO, Jerry S 507 N Harvard Ave Venlor NJ 08408	IM	WATERHOUSE, MD, Robert P 6830 Crillenden St Philadelphia PA 19119	IM	WEISSMAN, MD, Marcus I 4605 N Broad St Philadelphia PA 19140	R
TEUFEL, MD, Severin 464 Glyn Wynne Rd Haverford PA 19041	PTH	TROUT, MD, Robert G 3910 Powellon Ave 202 Philadelphia PA 19104	TS	VINER, MD, Edward D 333 S 8th St Philadelphia PA 19108	IM	WATERS, DO, Petrick T 437 Twining Ford Rd Richboro PA 18954	FP	WELCH, MD, Robert A 420 S Dixie Hwy Coral Gables FL 33148	P
THEODOS, MD, Peter A 1930 Chestnut St Philadelphia PA 19103	IM	TROYAN, MD, Beelrice P 2401 Pa Av Apt 7C44 Philadelphia PA 19130	OBG	VOCI, MD, Gerardo 1405 Washington Ln Rydal PA 19048	IM	WATKINS, MD, E Lloyd 1000 Gardens Pkway Ocean City NJ 08226	OBG	WELLENBACH, MD, Burton L 838 St Georges Rd Philadelphia PA 19119	OBG
THOMAS, MD, Carmen C 3327 Queen Lane Philadelphia PA 19129	D	TRUEMAN, MD, Robert H 2101 Chestnut St Philadelphia PA 19103	OPH	VOEGEUN, MD, Adrian W 350 E Willow Gr Mnr 707 Philadelphia PA 19118	OBG	WAUGH, MD, Elizabeth S 348 Green Lane Philadelphia PA 19128	OBG	WELSH JR, MD, Albert E 4265 Paul St Philadelphia PA 19124	FP
THOMAS, MD, Eugene L 144 Moradon Rd Philadelphia PA 19115	GS	TRUITT JR, MD, R Marahall 8400 Wissahickon Ave Philadelphia PA 19119	IM	VOGIN, MD, Eugene E 2682 Welsh Rd Philadelphia PA 19152	FP	WEAR JR, MD, Roland F Cambell Soup Co Camden NJ 08101	IM	WELTY, MD, Jack W Montgomery Ave-Owen Rd Wynnewood PA 19096	IM
THOMAS, MD, Harry L 5555 Wissahickon Ave Philadelphia PA 19144	GS	TSAY, MD, Chi L 2721 E Country Club Rd Philadelphia PA 19131	US	VOLK, MD, Francia N 101 Tookany Pkway Cheltenham PA 19012	GS	WEBB, MD, Henry P 700 Gilham St Philadelphia PA 19111	FP	WENGER, MD, Sidney U D-129 Presidential Apts Philadelphia PA 19131	P
THOMPSON, MD, Charles M Univ & Woodland Aves Philadelphia PA 19104	IM	TUCKMAN, MD, David J 9015 N 33rd Way Phoenix AZ 85028	D	VUCICEVIC, MD, Zerkio M Swartmre Ave-Chester Pkp Ridley Perk PA 19078	OPH	WEBBER, MD, John B 230 N Broad St Philadelphia PA 19102	ORS	WENTZEL, MD, H Earl Smith Kline Corp Bx 7929 Philadelphia PA 19101	PRM
THONET, MD, Marcel A 2308 E Allegheny Ave Philadelphia PA 19134	GS	TUDDENHAM, MD, William J Pannsylvania Hosp Philadelphia PA 19107	R	WADDINGTON, MD, Arthur W 854 Moreno Road Penn Valley PA 19072	OBG	WEBER, MD, Jan R 1937 Rodman St Philadelphia PA 19148	IM	WERTHAN, MD, Merylee E 5049 Oxford Ave Philadelphia PA 19124	NS
THORINGTON, MD, J Monroe 8600 Ridge Ave Philadelphia PA 19128	US	TUFT, MD, Louia 1530 Locust St Philadelphia PA 19102	IM	WAGENHEIM, MD, Harry H 27 Raynham Rd Marion Sta PA 19066	OS	WEBER, MD, Martin R 4240 Elmerton Ave Harriburg PA 17109	OPH	WESSEL, MD, Iadore J 1307 Spruce St Philadelphia PA 19107	R
THORP, MD, T Ramsey 7014 Clearview St Philadelphia PA 19119	OPH	TULSKY, MD, Emanuel G 8331 High School Rd Philadelphia PA 19117	R	WAGENHEIM, MD, Helen S 27 Raynham Rd Merion Sta PA 19068	P	WECHSLER, MD, Richard J 2514 Panama St Philadelphia PA 19103	R	WETTLAUER, MD, Marilyn R 10151 Bustleton Ave Ste C Philadelphia PA 19118	OBG
THORWARTH, MD, William T 8835 Germantown Ave Philadelphia PA 19118	R	TUMEN, MD, Henry J 1830 Rittenhouse Sq Philadelphia PA 19103	IM	WAGMAN, MD, Albert D 1245 Highland Ave Abington PA 19001	N	WEDDINGTON, MD, Wayne P 827 E Upsel St Philadelphia PA 19119	OTO	WEXLAR, MD, Irving B 2023 Delancey Pl Philadelphia PA 19103	R

WEXLER, MD, Harry 41 Conshohocken State Rd Bala Cynwyd PA 19004	R	WOLDOW, MD, Irving P O Box 351 Bethlehem NH 03574	OS	ZAMORA, MD, Danilo D 1513 Spruce St #501 Philadelphia PA 19103	U	GEORGETSON, MD, James M Main St Geleton PA 18922	FP	DERP, MD, Charles W 38 N 2nd St St Clair PA 17970	FP
WHITAKER, MD, Linton A 382 Penn Rd Wynnewood PA 19096	PS	WOLF, DO, George C 221 School Lane Norristown PA 19401	AN	ZAMOSTIEN, MD, Bernard B 1335 Tebor Rd Ste 303 Philadelphia PA 19141	FP	JORDAN, MD, Edward F Cole Medical Center Clouersport PA 18915	IM	DINICOLA, MD, Arthur N 28 Sunbury St Minersville PA 17954	FP
WHITCOMB, MD, Clarence A 100 W Walnut Lane Philadelphia PA 19144	US	WOLF JR, MD, John H 1437 Huntingdon Rd Abnaton PA 19001	ORS	ZAPPACOSTA, MD, Frank H 1315 S Broad St Philadelphia PA 19147	FP	MOSCH, MD, George C 207 Certe St Box 72 Coudersport PA 18915	FP	DIRNBERGER, DO, Thomas J 617 E Broad St Tamequa PA 18252	FP
WHITE, MD, David M 433 Newbold Rd Jenkintown PA 19046	GS	WOLF, MD, Lewis R 3474 Frenklord Ave Philadelphia PA 19134	OPH	ZASLOW, MD, Jerry 80 E Township Line Elkins Park PA 19117	GS	MOSCH, MD, Herman C 8 Allegeny Ave Coudersport PA 18915	AN	DORASAVAGE, MD, William C 3305 N E 18th Pl St Leudelede FL 33305	GS
WHITE, MD, Maxwell F 350 Green Lane Philadelphia PA 19128	FP	WOLFE, MD, Robert C Pennswood Village Rt 413 Newtown PA 18940	IM	ZATUCHNI, MD, Jacob Episcopel Hoep Philadelphia PA 19125	IM	MULLEN, MD, Ronald E P O Box 845 Coudersport PA 18915	P	DOUGHERTY, MD, Francis M 606 W Market St Pottsville PA 17901	PD
WHITENACK, MD, Stephen H 8815 Germantown Ave Philadelphia PA 19118	TS	WOLFERTH JR, MD, Charles C 2401 Penne Ave Ste2C45 Philadelphia PA 19130	GS	ZECCARDI, MD, Joseph A 1717 Pine St Philadelphia PA 19103	PD	NURBHAI, MD, Murteza E Rd 3 Cole Med Ctr Coudersport PA 18915	OTO	DZUREK, MD, William V 810 Raring Drive Orwigsburg PA 17961	R
WIDELITZ, MD, Martin M 6908 Carlisle Rd Philadelphia PA 19118	IM	WOLFSON, MD, Robert J 1920 Chestnut St Ste 700 Philadelphia PA 19103	OTO	ZEGEL, MD, Henry G 721 Woodfield Rd Villanova PA 19085	R	POORE, MD, George C Cole Medical Ctr Coudersport PA 18915	U	ERDMAN, MD, Robert M 309 W Market St Pottsville PA 17901	ORS
WIDER, MD, Saul 359 Spring Valley Ln Springfield PA 19064	PD	WOLGIN, MD, William 1512 Spruce St Philadelphia PA 19103	U	ZEGLIN, MD, Arthur F 2015 Welsh Rd Philadelphia PA 19115	FP	SERGIE, MD, Aly Cole's Mem Hosp Coudersport PA 18915	OPH	ESOUVEL, MD, Hector F 832 Nicholes St Frackville PA 17931	GS
WIDEMAN, MD, Arnold H 6818 Castor Ave Philadelphia PA 19149	PD	WOLKOWICZ, MD, Michal I 210 Coventry House Melrose Park PA 19128	OPH	ZEIGERMAN, MD, Joseph H 2105 Spruce St Philadelphia PA 19103	OBG	SERGIE, MD, Aiche S Cole's Mem Hosp Coudersport PA 18915	PD	FEIGLEY, MD, N Albert 812 W Market St Pottsville PA 17901	FP
WIECK, MD, Edwin E 1231 Foulkrod St Philadelphia PA 19124	FP	WOLLMAN, MD, Harry 2203 Delancey Pl Philadelphia PA 19103	AN	ZEIT, MD, Robert M 1810 Gerson Dr Nerberth PA 19072	R	SHATZ, MD, Eugene M Charles Cole Mem Hosp Coudersport PA 18915	PD	FENTON, MD, Ivor D 520 E Center St Meheny City PA 17948	US
WIEDER JR, MD, Henry S 829 Spruce St Philadelphia PA 19107	ORS	WOLOSHIN, MD, Henry J 3401 N Broad St Philadelphia PA 19140	R	ZELLIS, DO, Joseph 837 Spruce St Philadelphia PA 19106	FP	VILLA, MD, Francisco B 202 Mill St Coudersport PA 18915	PD	FEUDALE, MD, Richard F 419 Mc Knight St Gordon PA 17936	FP
WIENER, MD, Jacob 2408 S 5th St Philadelphia PA 19148	IM	WONG, MD, James S 965 N 5th St Philadelphia PA 19123	FP	ZEMBLE, DO, Herbert A 10101 Academy Rd Philadelphia PA 19114	FP	WAGNER, MD, Robert E 709 N West St Coudersport PA 18915	IM	FISCHER, MD, Roll H 305 Mahantongo St Pottsville PA 17901	GS
WIGHT, MD, Susan C 28 Euston Rd Garden City NY 11530	PD	WONG, MD, Ming Yin 3885 Pine Pl Huntingdon Vly PA 19006	GS	ZERITSKY, MD, Samuel A 4701 Pine St C-2 Philadelphia PA 19143	N	WONGPAKDEE, MD, Soban 1007 S Main St Coudersport PA 18915	GS	FLANIGAN JR, MD, John L 301 Mahantongo St Pottsville PA 17901	GS
WIKLER, MD, Louis A 1158 Old York Rd Abington PA 19001	PD	WONG, MD, Stephen W 128 Spruce St Philadelphia PA 19106	OPH	ZERVOS, MD, Denis G Langdon Cheltenham Sta Philadelphia PA 19124	R	SCHUYLKILL			FP
WILDEN, MD, Benjamin F 1224 Gilbert Road Meedowbrook PA 19048	OBG	WOOD JR, MD, Horetio C 235 E Evergreen Ave Philadelphia PA 19118	US	ZIEGLER, MD, Moritz M 328 Conestoga Rd Weyne PA 19087	GS	AKBAR, MD, Mohammad M Cressone Mall Pottsville PA 17901	OTO	FRABLE, MD, Deen G 212 W Market St Pottsville PA 17901	IM
WILF, MD, Harold 8905 Castor Ave Philadelphia PA 19149	OTO	WOOD, MD, Francis C 3400 Spruce St Philadelphia PA 19104	IM	ZIGERMAN, DO, Herbert L 3002 Holme Ave Philadelphia PA 19138	FP	ANDERSON, MD, Victor C 127 W Main St Girardville PA 17935	FP	GABRIEL, MD, Louis T 25 W Frack St Freckville PA 17931	GS
WILLIAMS, MD, F Marian 129 W Upset St Philadelphia PA 19119	OBG	WOOD, MD, Margaret G 8386 Church Rd Philadelphia PA 19151	D	ZIMMERMAN, MD, Micheel R 230 N Broad St Box 435 Philadelphia PA 19102	PTH	ASLAM, MD, Mohammed 311 A W Market St Pottsville PA 17901	N	GLENNEY, MD, Wilton R 1527 Oak Rd Pottsville PA 17901	IM
WILLIAMS, MD, Glenn L 4122 Kottler Dr Letyette Hills PA 19444	OBG	WOOD, MD, Melvin N 1013 Twining Rd Dresher PA 19025	NS	ZIMMERMAN, MD, Marc S 7 Willshire Rd Greenhill Farms PA 19151	ORS	BANE, MD, Denis M 300 S Centre St Pottsville PA 17901	IM	GREEN, MD, Roy C 150 W Main Street Girardville PA 17935	AN
WILLIAMS, MD, John C 512 Auburn Ave Philadelphia PA 19118	PD	WOODRUFF, MD, Charles L 9285 Germantown Ave Philadelphia PA 19118	R	ZIMMERMAN, MD, Robert A 3400 Spruce St Philadelphia PA 19104	R	BARCLAY, MD, Clayton C Pottsville Hosp Pottsville PA 17901	R	HALE, MD, Thomas K 117 W Frack St Freckville PA 17931	FP
WILLIAMS, MD, John T 5230 N Broad St Philadelphia PA 19141	ORS	WOODRUFF, MD, Stephen M 408 Penn Oak Rd Flourtown PA 19031	OBG	ZIMRING, MD, David 3817 Venlor Ave Atlantic City NJ 08401	OBG	BASHORE, MD, R Guy 101 Front St Minersville PA 17954	FP	HALLERMEIER JR, MD, Robert G Skyline Apts #203 Cressone PA 17929	IM
WILLIAMS, MD, Kirkley R 309 Edgehill Bldg Wayne PA 19087	TS	WRIGHT, MD, Lance S 817 Zollinger Wey Merion Ste PA 19066	P	ZINSSER, MD, Harry F 1112 Woodmont Road Gledwyne PA 19035	IM	BAUZON, MD, Narciso C R D 2 Temeque PA 18252	FP	HARRING, MD, Maynerd L 105 Main St Valley View PA 17983	FP
WILLIG, MD, Doris 1500 Bay Rd Apt 414 Miami Beach FL 33139	P	WRIGHT, MD, Scott H 1300 Prospect Hill Rd Villanova PA 19085	IM	ZISERMAN, MD, Abrehem J 3450 S Ocean Blvd Palm Beech FL 33480	OBG	BEAUSANG, MD, Thomas R 310 S Centre St Pottsville PA 17901	PD	HEISTAND, MD, Lendis C 309 W Market St Pottsville PA 17901	ORS
WILSON JR, MD, William M 1229 Harrison St Philadelphia PA 19124	OBG	WU, MD, Chung H 1025 Walnut St Philadelphia PA 19107	OBG	ZISSERMAN, MD, Louis 5254 Oxford Ave Philadelphia PA 19124	IM	BEMILLER, MD, Carl R 214 West Market St Pottsville PA 17901	IM	HOBBS, MD, Joseph H 215 W Mshentongo St Pottsville PA 17901	FP
WILSON, MD, George M 5735 Ridge Ave Philadelphia PA 19128	FP	WURTELE, MD, Lester H 826 Perdee Ln Wyncote PA 19095	R	ZOLFAGHARI, MD, Roknedin 281 Madison Rd Huntingdon Vly PA 19006	GS	BINDIE, MD, Richard P 150 Avenue D Schuykill Hvn PA 17972	PTH	HOBBS, MD, Robert E Pottsville Hosp Pottsville PA 17901	PTH
WILSON, MD, John F 2013 Delancey St Philadelphia PA 19103	D	XAVIER, MD, Cherien P 7505 Valley Ave Philadelphia PA 19128	IM	ZUBROW, MD, Sidney N 722 Spruce St Philadelphia PA 19108	IM	BIZUP, MD, Thomas J New Ringgold PA 17960	FP	HOLLAND, MD, Mark P 27 S Catwiese St Meheny City PA 17948	PD
WILSON, MD, Janet L 1131 Spruce St Philadelphia PA 19107	FP	YANOFF, MD, Myron 701 W Allene Ln Philadelphia PA 19119	OPH	ZWEIZIG, MD, Helen Z 5501 Greene St Philadelphia PA 19144	PD	BOHNNENBLUST, MD, Walter R Pottsville Hosp Pottsville PA 17901	R	HU, MD, Wei-Tzer 19 S Main St Shenendoeh PA 17978	FP
WILSON, MD, Richard P 105 Lenkenue Med Bldg Philadelphia PA 19151	OPH	YANOVSKI, MD, Alexander G 5501 Green St Philadelphia PA 19144	P	ZWERLING, MD, Israel 230 N Broad St Philadelphia PA 19102	P	BOYSEN, MD, Homer W 238 W Pine St Meheny City PA 17948	FP	HUSAIN, MD, Abid M P O Box 2428 Trenton NJ 08607	FP
WINEBURGH, MD, George S 7800 Castor Ave Philadelphia PA 19111	IM	YANOVSKI, MD, A Vivien 5501 Green St Philadelphia PA 19144	IM	POTTER			FP	JACEY, MD, Sigmund M 22 Thwing St St Clair PA 17970	OTO
WINEGRAD, DO, Leonerd 228 Barclay Cir Cheltenham PA 19012	AN	YARRA, MD, Nirmela 2890 Berry Le Huntingdon Vly PA 19006	P	AMBROSE, MD, David N Lyon St Shinglehouse PA 18748	FP	CANFIELD, MD, John J 259 Pike St Port Carbon PA 17965	FP	JOHNSTON, MD, Dorothy 407 Meuch Chunk St Pottsville PA 17901	P
WINFREE, MD, Listervelt 1842 N 18th St Philadelphia PA 19121	FP	YARROW, MD, Morris W Foxcroft Sq Apts #111 Jenkintown PA 19046	IM	BACKES, MD, Celso L Charles Cole Mem Hosp Coudersport PA 18915	OBG	CAWLEY, MD, Noel S Good Semeriten Hosp Pottsville PA 17901	PTH	KARLAVAGE, MD, John J 334 W Pine St Meheny City PA 17948	FP
WINHELD, MD, Edward B 2601 Pennsylvania Ave Philadelphia PA 19130	OBG	YASGUR, MD, Lee H 3241 Cerroll Ct Benselem PA 19020	OPH	BASAK, MD, Bijan K Charles Cole Mem Hosp Coudersport PA 18915	OBG	CHOONG, MD, Shung S 241 S Main St Pine Grove PA 17963	FP	KAZLAUSKAS, MD, Albert J 302-3 Thompson Bldg Pottsville PA 17901	P
WINSON, MD, Samuel G 255 S 17th St Philadelphia PA 19103	OBG	YASKIN, MD, Hymen E 807 Haddon Ave Ste 22 Haddonfield NJ 08033	P	BLEWETT, MD, Charles H Charles Cole Mem Hoap Coudersport PA 18915	AN	CONNOLLY, DO, William S Box 18 Landingville PA 17942	R	KIM, MD, Sun C 15 S Main St Meheny City PA 17948	US
WIRTS JR, MD, C Wilmer 2017 Delancey Pl Philadelphia PA 19103	IM	YAZDANFAR, MD, Shehriar Aemc York & Tabor Rds Philadelphia PA 19141	IM	CALLAHAN, DO, Micheel E Rd #1 Geleton PA 18922	IM	CONRAD, MD, Joe E R D 2 Hegins PA 17938	R	KO, MD, Chen S 1801 Mahantongo St Pottsville PA 17901	FP
WITKOWSKI, MD, Joseph A 3501 Ryan Ave Philadelphia PA 19138	D	YOUNG, MD, Gereldine P 7815 Mountlein Ave Philadelphia PA 19117	OS	CHAUDHURI, MD, Keli P Cole Med Bldg Coudersport PA 18915	FP	COOPER, MD, Harold B 199 Dock St Schuykill Hvn PA 17972	FP	LADO, MD, Micheel 300 S Centre St Pottsville PA 17901	OBG
WITTMAN, MD, Paul C 311 Rolling Terrace Leola PA 17540	D	YOUNG, MD, Irving Einstein Med Ctr N Div Philadelphia PA 19141	PTH	CRUZ JR, MD, Moises B Cole Memorial Hosp Coudersport PA 18915	ORS	CUBLER, MD, Edward W 119 Avenue B Schuykill Hvn PA 17972	PD	LAND, MD, Allard J 304 Sunbury St Minersville PA 17954	FP
WOHL, MD, George T 1227 Remington Rd Wynnewood PA 19096	R	YUN, MD, Daniel D 80 E Township Line Rd Philadelphia PA 19117	IM	CULBERSON, MD, John D Beker Cr Rd Rd #1 Coudersport PA 18915	GS	CURRY, MD, Thomas A 310 S Centre St Pottsville PA 17901	FP	LEE, MD, Jengwoo 1851 Howard Ave Pottsville PA 17901	OBG
WOHL, MD, Milton A 1305 W Tabor Rd Philadelphia PA 19141	ORS	ZACKAI, MD, A Hertael 8350 Roosevelt Blvd Philadelphia PA 19152	FP	CUTRY, MD, Joseph J 359 N Main St Wellsville NY 14895	PTH	DANKMYER, MD, Frederick L 419 W Market St Pottsville PA 17901	R	LEE, MD, Won Y 83 S Tulpehocken St Pine Grove PA 17983	FP
WOJTOWYCH, MD, Mykole 5102 N Broad St Philadelphia PA 19141	FP	ZAGER, MD, Ruth P 237 Hamilton Rd Merion Ste PA 19068	P	DOMALESKI, MD, Alifred F 505 Oak St Coudersport PA 18915	CRS	DARKES, MD, William F Orwigsburg PA 17961	CRS	LIN, MD, Ching H 221 Mahantongo St Pottsville PA 17901	OBG
WOLDOW, MD, Asher 1319 W Tabor Rd Philadelphia PA 19141	IM	ZAKRESKI, MD, Matthew J 8055 Stenton Ave Philadelphia PA 19118	OBG						

LIN, MD, Chiu P 43 S Lehigh Ave Freckville PA 17931	PTH	RISMILLER, MD, Ross W 214 W Market St Pottsville PA 17901	IM	MCKEE, MD, Wayne O 453 W Patriot St Somerset PA 15501	GS	BILDER, MD, M Joen Soldiers & Seilers Bldg Wellsboro PA 18901	PD	HOYLE, MD, J Preaton 226 S 3rd St Lewisburg PA 17837	PD
LIN, MD, Mei Pu 221 Mehentongo St Pottsville PA 17901	OBG	ITTER, MD, Thomas J 407 W Market St Pottsville PA 17901	GS	MONTGOMERY JR, MD, George A 225 S Center Ave Somerset PA 15501	U	BUTLER, MD, Anne K Po Box 4 Wellsboro PA 16901	FP	LONG, MD, Robert D 3 Hospital Dr Lewisburg PA 17837	D
LING, MD, Charles C 7th & W Market St Pottsville PA 17901	GS	ROMEIKA, MD, Mery M 14 N Jardin St Shenendoeh PA 17976	FP	MORRIS, MD, Eleanor G R D 4 Box 231 Somerset PA 15501	FP	CALLENBERGER, MD, Ronald W Soldiers & Seilers Hosp Wellsboro PA 16901	ORS	MALCOLM JR, MD, John A Rd 1 Sunbury PA 17801	PTH
LOK, MD, Mai-Pei R D #3 Box 3505 Pottsville PA 17901	AN	RUBRIGHT, MD, Herbert C Med Arts Bldg Schuykill Hvn PA 17972	FP	MUSSER JR, MD, Harold E 105 W Church St Somerset PA 15501	GS	DALE II, MD, Leonerd E Soldiers & Seilers Hosp Wellsboro PA 16901	R	MALLORY JR, MD, George B 203 Hunt Rd Pittsburgh PA 15215	PD
LONGARINI, MD, Amilcer E 508 W Market St Pottsville PA 17901	IM	RUSO, MD, John F Good Samariten Hosp Pottsville PA 17901	PTH	NAIR, MD, V Krishnan 225 S Center Ave Somerset PA 15501	IM	DAVIES, MD, Thomas E 48 Pearl St Wellsboro PA 16901	GS	MILLER II, MD, George C 3 Hospital Dr Lewisburg PA 17837	OBG
LUSCHINSKY, MD, Welter 318 W Main St Ringtown PA 17967	GS	RYSCAVAGE, MD, Edwerd T 100 S 2nd St St Clair PA 17970	FP	ONDERKA, MD, James O Somerset Comm Hosp Somerset PA 15501	R	DAVIS, MD, Murray C 13 Berwart St Wellsboro PA 16901	R	MUSSER, MD, William T 100 Chestnut St Mifflinburg PA 17844	F
LYONS, MD, Ralph 8 Chestnut St Cressona PA 17929	FP	SCHLITZER, MD, William H 7 N 6th St Pottsville PA 17901	FP	ORLIDGE, MD, Arthur E Box 98 Shenksville PA 15560	FP	DAVIS, MD, Stuart M Main St Westfield PA 18950	FP	NISSLEY, MD, Jey M 136 Hospital Dr Lewisburg PA 17837	PD
MALICK, MD, Donald V 523 Maple St Hegins PA 17938	FP	SCICCHITANO, MD, Leon P 7th & W Market St Pottsville PA 17901	GS	PELL III, MD, Edward N 339 W Union St Somerset PA 15501	GS	DUSINBERRE, MD, Robert Y Box 370 Yankeeetown FL 32698	US	PERSING, MD, John H R D 1 Lewisburg PA 17837	IM
MALIK, MD, Maqsood A 106 S Claude A Blvd Pottsville PA 17901	IM	SHAH, MD, Syed G Medicel Arts Bldg Pottsville PA 17901	IM	POGGI, DO, Alfre J Hickory Hollow Rd R3 Somerset PA 15501	FP	ERWAY, MD, Preston M 25 Walnut St Wellsboro PA 16901	FP	REGALADO, MD, Regulus D 714 R Main St Watsonstown PA 17777	GS
MALISHAUCKI, MD, Mery G 239 W Broad St Temequa PA 18252	FP	SHULTZ, MD, Lewis D 109 Jackson St Port Carbon PA 17965	FP	PRICE, MD, Edwin M 612 Logan Pl Confluence PA 15424	FP	GILLUM, MD, David F 114 East Ave Wellsboro PA 16901	FP	REISH, MD, William G 900 Buffalo Rd Lewisburg PA 17837	ORS
MALISHAUCKI, MD, Thomas J 239 W Broad St Temequa PA 18252	FP	STANULONIS, MD, Stanley W 25 N Jardin St Shenendoah PA 17978	IM	ROCK, MD, Leonerd L 209 North St Meyersdale PA 15552	FP	HESS, MD, Edward R 38 West Ave Wellsboro PA 16901	GS	RINCK 2ND, MD, George W 126 Main St Middleburg PA 17842	FP
MARCONIS, MD, Joseph T 413 W Market St Pottsville PA 17901	U	TANANIS, MD, Leonerd J 810 W Market St Pottsville PA 17901	OPH	RUMBAUGH, MD, Ross S 131 Meyers Ave Meyersdale PA 15552	GS	LAIRD, MD, Archibeld 12 Main St Wellsboro PA 16901	OPH	STACKOWSKI, MD, Meryjane Evangelical Comm Hosp Lewisburg PA 17837	R
MARSHALL, MD, David S 214 W Market St Pottsville PA 17901	IM	TAVARIA, MD, Soli F 327 Sunbury St Minersville PA 17954	IM	RYAN, MD, William C 917 W Main St Somerset PA 15501	P	LARSON, MD, Eleanor 217 Main St Elkland PA 16920	PD	STECKEL, MD, Donald C R D 1 Spruce Hills Lewisburg PA 17837	IM
MARSHALL, MD, Helen L 1023 Mahantongo St Pottsville PA 17901	OS	TIHANSKY, MD, Theodore B Med Arts Bldg Schuykill Hvn PA 17972	GS	SANTOS, MD, Rodolfo R 320 North St Meyersdale PA 15552	GS	MALACHESKY, MD, Thomas M Soldiers & Seilers Hosp Wellsboro PA 16901	PTH	STOLTZFUS, MD, Elam R 138 Hospital Dr Lewisburg PA 17837	PD
MATHUR, MD, Keilesh N 73 Sherwood Rd Pottsville PA 17901	R	TOMLIN, MD, Joseph G 17 S Main St Shenendoeh PA 17978	IM	SINGH, MD, Ajay P 107 E Church St Somerset PA 15501	PD	MCBRIDE, MD, James G Soldiers & Seilers Hosp Wellsboro PA 16901	OPH	VELAYO, MD, Dante P 3 Hospital Dr Lewisburg PA 17837	GS
MAURER, MD, Roger E Po Box 576 Milroy PA 17063	R	WAHHAB, MD, Abdul 108 S Claude A Lord Blvd Pottsville PA 17901	GS	TENSUAN JR, MD, Leonerd S R R 3 Box 33A Somerset PA 15501	IM	MOORE, MD, Joseph J 35 N Main St Mensfield PA 16933	FP	WARD, MD, H Richard R D 1 Mifflinburg PA 17844	FP
MCLAUGHLIN, MD, Thomas F 221 E Broad St Tamequa PA 18252	FP	WALL, MD, Normen M 300 S Centre St Pottsville PA 17901	IM	THOMAS, MD, Nethen O 349 Main St Meyersdale PA 15552	US	NESPOLA, MD, Anthony M 15 Meede St Wellsboro PA 16901	IM	WEBER, MD, William H Shuman St Middleburg PA 17842	FP
MCLAUGHLIN, MD, Thomas W 1401 Mahantongo St Pottsville PA 17901	IM	WALTERS, MD, William H 814 Mahantongo St Pottsville PA 17901	FP	WONG, MD, Albert 162 E Sanner St Somerset PA 15501	OBG	REICH, MD, William P 18 Morris Ln Wellsboro PA 16901	PTH	WEIBEL, MD, David C 700 Market St Lewisburg PA 17837	U
MELNICOVE, MD, Sidney 176 Atlantic Ave Indielantic FL 32903	FP	YANKOSKY, MD, Jean A 109 Pike St Port Carbon PA 17985	FP	WOOLSLAYER, MD, Paul R 208 Sherman St Meyersdale PA 15552	FP	SANFORD, MD, Robert S 12 N Main St Mansfield PA 16933	FP	WEIGHTMAN, MD, Joseph Bucknell Univ Dispensary Lewisburg PA 17837	FP
MIGDOW, MD, Jeffrey A Po Box 120 1 Summit Station PA 17979	FP	ZAFAR, MD, Ghaffar A 106 Ce Lord Blvd Pottsville PA 17901	PD	SUSQUEHANNA					AN
MIKA, MD, John J 216 S Main Shenendoeh PA 17976	FP	ZAKHARY, MD, George S 300 S Center St Pottsville PA 17901	OTO	ALLEN, MD, Dennis Box 349 Rd 1 Hellstead PA 18822	FP	WEBSTER, MD, Lane H Walnut St Wellsboro PA 16901	FP	WILLIAMS, MD, Irving College Park Lewisburg PA 17837	FP
MILLER, MD, Anton M 143 N Second St St Clair PA 17970	OPH	ZWERLING, MD, Hermann 100 E Main St Schuykill Hvn PA 17972	FP	BENNETT, MD, Reymond L 1 Grow Ave Montrose PA 18801	FP	WIGERT, MD, Welter S 520 Rueh Blossburg PA 16912	P	WOODCOCK, MD, Charles H 342 N Front St Milton PA 17847	GS
MILLER, MD, Charles W 37 S Belliet St Freckville PA 17931	FP	SOMERSET		BERTSCH, MD, Albert M 1 Grow Ave Montrose PA 18801	GS	WILSON, MD, James L 25 Walnut St Wellsboro PA 16901	FP	YANNACCONE, MD, Robert 811 Main St Watsonstown PA 17777	FP
MILLER, MD, Richard E 242 E Broad St Tamaqua PA 18252	OBG	ATWELL, DO, Grent E 132 Meyers Ave Meyersdale PA 15552	FP	CAVENDER, MD, John C Hop Bottom PA 18824	FP	UNION			IM
MODARRESS, MD, John 7th & W Market Sta Pottsville PA 17901	GS	ATWELL II, DO, Grent E Salsby Prot Bldg Ord St Salisbury PA 15558	FP	DAVIS, MD, Reymond C 107 Erie Ave Susquehanna PA 18847	FP	ALMARIA, MD, Hermenegildo H Evangelical Comm Hosp Lewisburg PA 17837	R	VENANGO	
MOYER, MD, Warren F Auburn PA 17922	FP	BACESKI, MD, Deboreh A 105 W Church St Somerset PA 15501	IM	GRACE, MD, James J 27 S Main St Montrose PA 18801	FP	ARBOGAST JR, MD, John W 3 Hospital Dr Lewisburg PA 17837	OBG	ANDERSON, MD, William C Rd 1 Pone Ln Franklin PA 16323	FP
MUNIR, MD, Muhammed 016 S Claude A Lord Blvd Pottsville PA 17901	IM	CUBE, MD, Aureo P 332 W Patriot St Somerset PA 15501	FP	HOMILY, MD, Blessing Med Arts Clinic Montrose PA 18801	GS	ARBOGAST SR, MD, John W College Park Lewisburg PA 17837	FP	ANTKOWIAK, MD, Thomas L 150 Prospect Ave Franklin PA 16323	ORS
NICHOLLS, MD, Joen E 1023 Centre St Ashland PA 17921	P	CUBE, MD, Henry M 332 W Petriot St Somerset PA 15501	NS	KERR, MD, Paul B 1 Grow Ave Montrose PA 18801	FP	BETZ, MD, Louis H 3 Hospital Dr Lewisburg PA 17837	OPH	AOUN, MD, Kemal H 515 Green Bldg Franklin PA 16323	IM
NICHOLLS, MD, Richard H 1023 Centre St Ashland PA 17921	GS	DEVRIES, MD, Jan R 305 Stonycreek St Boswell PA 15531	FP	LUTZ, MD, Edger H 1815 Bienvenide Cir Cerslsbed CA 92008	FP	BRUCE, MD, William B 3 Hospital Dr Lewisburg PA 17837	OTO	BARNES, MD, Barbara E Titusville Hospital Titusville PA 16354	IM
PARK, MD, Sung H 106 School St Pine Grove PA 17963	P	HAUPT, MD, Earl O Rd 2 Box 238 Somerset PA 15501	FP	MANLEY, MD, Charles R 1 Grow Ave Montrose PA 18801	AN	CALDERON, MD, Amedo G 803 Penna St Lewisburg PA 17837	GS	BEALS, MD, Normen K 1258 Elk St Franklin PA 18323	FP
PERLOSKI, MD, Leo Washington St Middleport PA 17953	FP	HAY, MD, Herold S 867 W Main St Somerset PA 15501	FP	MARKARIAN, MD, Michael 220 Main St Hellstead PA 18822	FP	DAVIS, MD, Sidney 48 Walnut St Milton PA 17847	D	BLANCHARD, MD, Donovan C 1122 Liberty St Franklin PA 16323	FP
PLATT, MD, Benjamin B 018 S Claude A Lord Blvd Pottsville PA 17901	IM	JACOBS, MD, Robert V 203 E Petriot St Somerset PA 15501	GS	MILLER, MD, James M 78 Church St Montrose PA 18801	IM	DERR, MD, Frederick S Stete School-Hosp Leurelton PA 17835	IM	BOYER, MD, Walter E 9 Glenview Ave Oil City PA 18301	FP
PRESCOTT, MD, William D 181 S Tulpehocken St Pine Grove PA 17963	IM	KAWCHAK, MD, James 721 North St Berlin PA 15530	IM	PURKAYASTHA, MD, Arindem Bernes Kaason Hospital Susquehanna PA 18847	GS	DIX JR, MD, Robert C 131 Broadway Milton PA 17847	FP	BROWN, MD, Manson Perk Med Ctr Franklin PA 16323	GS
PRISTAS, MD, Michael S 602 W Market St Pottsville PA 17901	FP	KESSLER, MD, Howerd W 165 East Church St Somerset PA 15501	ORS	SARAN, MD, Medhuker 104 Jackson Ave Susquehanna PA 18847	IM	DONOVAN JR, MD, John A 900 Buffalo Rd Lewisburg PA 17837	ORS	CAGLAR, MD, Agop 243 Elm St Claremont Gen Cleremont NH 03743	AN
RASHID, MD, Abdul 106 S Claude A Lord Blvd Pottsville PA 17901	IM	KILLIUS, MD, James L 314 Diamond St Berlin PA 15530	FP	SHAH, MD, Mehendre K 411 Oak St Susquehanna PA 18847	IM	EVANS, MD, Harold H 422 Market St Mifflinburg PA 17844	FP	CARROLL, MD, Frank E 1 Spruce St Franklin PA 18323	R
RAVITZ, MD, Gerald A 413 W Market St Pottsville PA 17901	U	KLOSE, MD, Paul L P O Box 196 Berlin PA 15530	FP	SHELLY, MD, Robert M Thompson PA 18465	PD	FAIRWEATHER, MD, Jack L 129 Market St Lewisburg PA 17837	OBG	CENEDELLA, MD, Stephen C 150 Prospect Ave Franklin PA 16323	IM
REINA, MD, Charles R 309 Market St Pottsville PA 17901	ORS	LEIGHTY, MD, Ralph G F140 Peninsula Dr Rd 1 Centrel City PA 15926	IM	TIOGA		GINSBURG, MD, John L 134 S 16th St Lewisburg PA 17837	FP	CHEN, MD, Henry Y 814 E Main St Titusville PA 16354	OBG
REITZ, MD, Melvin L Valley View PA 17983	FP	LIMCUANDO, MD, Emilieno D 401 S Center Ave Somerset PA 15501	GS	BAIR, MD, Robert C 48 Pearl St Wellsboro PA 18901	GS	GRAY, MD, David W 1717 Market St Lewisburg PA 17837	GS	CORBET, MD, Roland H General Delivery Polk PA 18342	AN
RICCHIUTI, MD, A George 335 Center St Mahenoy City PA 17948	OTO	MARTIN, DO, Elvin L R D 3 Meyersdale PA 15552	FP	BILDER, MD, Bruce M Box 189 Rd 5 Wellsboro PA 16901	GS	HORENSTEIN, MD, Martin 3 Hospital Dr Lewisburg PA 17837	IM	CULP, MD, Robert T Oil City Hospital Oil City PA 18301	FP

DANN, MD, Herbert A 150 Prospect Ave Franklin PA 16323	IM	MCCANDLESS, MD, Pauline W 1226 Elk St Franklin PA 16323	FP	WARREN		OLA, MD, Conrada C Warren State Hosp Warren PA 16365	P	CARAZOLA, MD, Joseph H 2630 Pearce Dr 11-401 Clearwater FL 33520	FP
DENLINGER, MD, Lee E 416 N Washington St Titusville PA 16354	IM	MCCANDLESS, MD, Warren J 1226 Elk St Franklin PA 16323	FP	AHMED, MD, Niaz 1264 Conewango Ave #J5 Warren PA 16365	AN	PATEL, MD, Aneel N Po Box 249 211 N State St N Warren PA 16365	N	CAVASINA, MD, Mary M 160 W Pike St Canonsburg PA 15317	GS
DUNN, MD, Joseph P 407 Third St Titusville PA 16354	FP	MCCARTER, MD, Samuel B 9 Somac Dr Seneca PA 16346	R	ANDERSON, MD, Edwin R 105 Central Ave Warren PA 16365	OTO	PETERS, MD, Richard A 211 E Main St Youngsville PA 16371	FP	CHANGCO, MD, Alvaro N 750 North Wade Washington PA 15301	FP
ELDER JR, MD, William W 163 E Bissell Ave Oil City PA 16302	PD	MCCLELLAND, MD, James H 112 E Main St Grove City PA 16127	US	BALL, MD, William L 514 W 3rd Ave Warren PA 16365	OPH	REINHARD, MD, Harold J Box 240 Warren PA 16365	P	CHASLER, MD, Nicholas L Centerville Clinic Fredericktown PA 15333	PD
EMERSON, MD, John A 1261 Elk St Franklin PA 16323	OPH	MCCLUSKY, MD, Robert C 150 Prospect Ave Franklin PA 16323	OBG	BERTA, MD, Julius W 1030 E 5th Ave Ext Warren PA 16365	R	RILEY, MD, Veryl M Old Warren&Jamestown Rd Russell PA 16345	OBG	CHO, MD, Yong D Centerville Med Group Fredericktown PA 15333	FP
EMMOLO, MD, Altonse A 122 W 1st St Oil City PA 16301	IM	MCGEHEE, MD, Daniel 1 Spruce St Franklin PA 16323	FP	BIALAS, MD, Paul A 103 St Clair St Warren PA 16365	IM	ROBERTSON, MD, John L 2 Hertzell St Warren PA 16365	IM	CLAPP, MD, George E 800 E Beau St Apt E4 Washington PA 15301	FP
ENGLE, MD, Joseph H 180 E Bissell Ave Oil City PA 16301	US	MCJILTON, MD, Roy A 150 Prospect Ave Franklin PA 16323	OTO	BORGER, MD, Lee J 306 Market St Warren PA 16365	PD	SANGHI, MD, Jodh K Po Box 249 Warren PA 16365	P	COLANTONI, MD, William 106 University Dr Greensburg PA 15601	AN
ESPARRAGUERA, MD, Francisco 9 Glenview Ave Oil City PA 16301	U	MILSOVIC, MD, Robert C Franklin Hosp Franklin PA 16323	R	BRENNAN, MD, Leonard H Box 240 Warren PA 16365	P	SIMONSEN, MD, Ronald W 341 Bird Ave Warren PA 16365	FP	COPPULA, MD, Robert J 55 Highland Ave Washington PA 15301	IM
FAN, MD, Young C 1467 Hydertown Rd Titusville PA 16354	GS	MULLICK, MD, Jowheri J 176 E Bissell Ave Oil City PA 16301	OBG	BRYAN JR, MD, Ross E P O Box 249 Warren PA 16365	FP	SIVAK, MD, Stanley J Main St Tidoute PA 16351	FP	CORTINOVIS, MD, Charles R 101 Woodside Dr McMurray PA 15317	AN
FEE JR, MD, William H 150 Prospect Ave Franklin PA 16323	IM	NAZZARO, MD, Ralph 106 N Perry St Titusville PA 16354	GS	BUTT JR, MD, Frank H 309 Market St Warren PA 16365	AN	SMITH, MD, Robert G 103 St Clair St Warren PA 16365	GS	CORWIN, MD, Douglas T 95 Leonard Ave Washington PA 15301	ORS
FINDER, MD, Marc J P O Box 16 Wenham MA 01964	EM	NEWELL, MD, Merl A Butler St Clintonville PA 16372	FP	CASHMAN, MD, William M 106 W 3rd Ave Warren PA 16365	GS	TAYLOR JR, MD, Fred R 119 Market St Warren PA 16365	FP	KULBERTSON, MD, Clayton E 420 W Main St Monongahela PA 15063	OBG
GARDNER, MD, Thomas A 1 Spruce St Franklin PA 16323	R	NORDSTROM, MD, Chester A Box 510 Franklin PA 16323	OPH	CHAREPOO, MD, Khashaier 410 Market St Warren PA 16365	GS	THOMPSON, MD, John E 16 Third St Youngsville PA 16371	FP	CUNNINGHAM, MD, William L 305 McKean Ave Charleroi PA 15022	GS
GLOWACKI, MD, Francis L Franklin Hosp Franklin PA 16323	AN	OCONNOR, MD, John V 1 Spruce St Franklin PA 16323	R	ELVIR, MD, Ramon 211 E Main Youngsville PA 16371	P	TURBESSI, MD, Albert J 103 St Clair St Warren PA 16365	FP	DEHAAS, MD, David R 95 Leonard Ave Washington PA 15301	OBG
GOLD, MD, Arnold Z 122 W 1st St Oil City PA 16301	IM	PADIN, MD, Frederico A 150 Prospect Ave Franklin PA 16323	U	ERICSSON, MD, Francis S 514 W 3rd Ave Warren PA 16365	OBG	URBAITIS, MD, John C R D 2 Kane PA 16735	P	DERIENZO, MD, Umberto A 825 Lincoln Ave N Charleroi PA 15022	FP
GOODWIN, MD, Andrew W 34 Seneca St Oil City PA 16301	IM	PETERS, MD, Leonard L 320 16th St Franklin PA 16323	GS	FINO, MD, Julius A 306 Market St Warren PA 16365	OBG	VASWANI, MD, Khimya I 215 N State St Warren PA 16365	IM	DOWNEY, MD, Joseph E 311 3rd St California PA 15419	FP
GRIFFEN, MD, Helen S 1 Spruce St Franklin PA 16323	PTH	PHADKE, MD, Madhav V 26 Seneca Street Oil City PA 16301	GS	FRITZ JR, MD, Karl J 7 Ditmar St North Warren PA 16365	R	VELOSO, MD, Victor V 960 Yankee Bush Rd Warren PA 16365	AN	ELTERICH, MD, Gertrude E 115 Red Stone Rd Washington PA 15301	PD
GRIFFEN, MD, R Howard 1 Spruce St Franklin PA 16323	PTH	PHADKE, MD, Usha M 4 Paul Revere Rd Oil City PA 16301	AN	FURMAN, MD, Donald J Warren Gen Hosp Warren PA 16365	PTH	WALTERS, MD, William S 514 3rd Ave W Warren PA 16365	FP	EVANGELISTA, MD, Jesus S 400 Jefferson Ave Washington PA 15301	FP
HAIJ-DJAFARI, MD, Azizeh 174 E Bissell Ave Oil City PA 16301	PTH	PILEWSKI, MD, Robert M 122 W 1st Oil City PA 16301	IM	GETTINGS, MD, Thomas H P O Box 240 Warren PA 16365	FP	WEISS, MD, Robert J 104 St Clair St Warren PA 16365	OPH	FAGIOLETTI, MD, Robert J 653 Jefferson Ave Washington PA 15301	FP
HAM, MD, James W 150 Prospect Ave Ste 202 Franklin PA 16323	OBG	POZZA, MD, Nicholas J 29 Oakwood Dr Oil City PA 16301	GS	GRANT, MD, Alfred A 26 Forest St Sugargrove PA 16350	FP	WASHINGTON		FOLEY JR, MD, Edward L 437 Hunting Creek Rd Canonsburg PA 15317	PD
HARTMAN, MD, Micheel J 125 W Walnut St Titusville PA 16354	ORS	REAMER, MD, Donald M 104 Woodland Drive Oil City PA 16301	R	GUPTA, MD, Sarv K Warren State Hosp Warren PA 16365	P	ABERNATHY, MD, Ernest L 1066 N Main St Washington PA 15301	PTH	FRAME, MD, David C 95 Leonard Ave Washington PA 15301	ORS
HEASLEY, MD, Kenneth H Box 126 Tionesta PA 16353	FP	RESINGER, MD, William W 1647 Manchester Dr Ypsilanti MI 48197	R	GUPTA, MD, Vinodini Warren State Hosp Warren PA 16365	P	ADLER, MD, Jon S 124 Evans Dr McMurray PA 15317	FP	FUCHS, MD, David V 315 Elm Dr Rd #3 Canonsburg PA 15317	FP
HOLMES, MD, Robert B 9 Glenview Ave Oil City PA 16301	OBG	RIGHTOR, MD, John T 204 Central Ave Oil City PA 16302	FP	IGNATIUS, MD, Paul F 103 St Clair St Warren PA 16365	ORS	ALBERTS, MD, Melvin C 95 Leonard Ave Ste 301 Washington PA 15301	NS	FUERST, MD, Nicholas E Rd #3 Box 150 Burgeltstown PA 15021	FP
HOUSER, MD, James J 150 Prospect Ave Franklin PA 16323	IM	ROODE, MD, Albert G 1 Spruce St Franklin PA 16342	US	ISRAEL, MD, Robert H 20 Fourth Ave Warren PA 16365	P	ALCANTARA, MD, Vicente A 153 Pleasant View Dr McMurray PA 15317	R	GALLETTA, MD, Anthony S 114 Hutchinson Ave Canonsburg PA 15317	GS
JOHNSTON, MD, James B 9 Glenview Ave Oil City PA 16301	P	ROODE, MD, Philip J 440 Moreland Dr Franklin PA 16323	PD	JOHNSON, MD, Van W 103 St Clair St Ste 1-D Warren PA 16365	ORS	BADIALI, MD, S Charles 629 Jefferson Ave Washington PA 15301	FP	GEHRINGER JR, MD, Edward J Phs Indian Hlth Ctr #297 Pawhuska OK 74056	PD
KINOSIAN, MD, Mary J 1411 Liberty Dr Franklin PA 16323	N	ROSEN, MD, Daniel H 129 N Franklin St Titusville PA 16354	OTO	KEVERLINE, MD, Paul O 103 W St Clair St Warren PA 16365	OPH	BAIR, MD, Victor W 726 Broad Ave Belle Vernon PA 15012	FP	GOLDSTONE, MD, Harry A Citrville Med Clin Rd1 Fredericktown PA 15333	IM
KIRTLAND III, MD, Howard H 150 Prospect Ave Franklin PA 16323	IM	SECHLER, MD, Edith W Polk State School-Hosp Polk PA 16342	P	LAREAU, MD, Daniel G Warren Gen Hosp Warren PA 16365	R	BAKEWELL, MD, Frank S 27 Highland Ave Washington PA 15301	GS	GOLOMB, MD, Norman G 611 W Main St Monongahela PA 15063	FP
KLEIN, MD, Roll A 150 Prospect Ave Franklin PA 16323	ORS	SETH, MD, Satish K Rd #4 Box 123 Titusville PA 16354	IM	LOWE, MD, Raymond E 514 3rd Ave W Warren PA 16365	P	BAQUERO-BUENO, MD, Mario R Po Box 306 Canonsburg PA 15317	GS	GUTKOWSKI, MD, S Leonard 470 Hunting Creek Rd Canonsburg PA 15317	FP
KUMAR, MD, Harinath V 32 Seneca St Oil City PA 16301	U	SUK, MD, Jin H Franklin Hosp Franklin PA 16323	PTH	MACKENZIE, MD, Charles E 103 St Clair St Warren PA 16365	IM	BARDZIL, MD, Joseph W 622 Robinhood Ln McMurray PA 15317	FP	HALL JR, MD, John H 55 Highland Ave Washington PA 15301	IM
LANDOLT, MD, Dolores M 9 Glenview Ave Oil City PA 16301	PD	THOMAS, MD, Thomas 30 Seneca St Oil City PA 16301	FP	MANN JR, MD, William M Warren State Hosp Warren PA 16365	GS	BAYER, MD, Joseph F 67 E Maiden St Washington PA 15301	PD	HARKCOM, MD, Richard K 95 Leonard Ave Ste 301 Washington PA 15301	GS
LAVERDE, MD, Philip S 507 1/2 W Third St Oil City PA 16301	GS	THOMPSON, MD, Peter J 150 Prospect Ave Franklin PA 16323	IM	MCCUNE, MD, Quay A 204 Walker Ave Warren PA 16365	P	BELL JR, MD, David M 343 Thornwood Dr Canonsburg PA 15317	P	HAUSER, MD, John R 116 Main St New Eagle PA 15067	IM
LEVINE, MD, Leo A 221 Veach Bldg Oil City PA 16301	FP	TIMNEY, MD, Thomas E 302 Drake Bldg Oil City PA 16301	OTO	MCDONALD, MD, Khlar E 202 Redwood St Warren PA 16365	GS	BENTON, MD, Owen D 6 S Main St Washington PA 15301	P	HAZLETT, MD, Frank D 600 Ne 2D St 1 Apt 205 Dania FL 33004	PD
LIBERMAN, MD, Alberto J 7 Vo-Tech Apt 1-A Oil City PA 16301	OBG	VUKMER, MD, George J 226 E Main St Titusville PA 16354	R	MCDONALD, MD, Khlar E 202 Redwood St Warren PA 16365	GS	BLASIOLE, MD, Ralph S 661 E Beau St Washington PA 15301	GS	HEADLEY, MD, Chauncey R 95 Leonard Ave Washington PA 15301	OBG
MAKNOON, MD, Ali A 222 Park Ave Oil City PA 16301	ORS	WAGNER, MD, Louis J 150 Prospect Ave Franklin PA 16323	GS	MCGEARY, MD, James E 115 Pamela Drive Warren PA 16365	FP	BLYTHE, MD, Peggy J 539 Fallowfield Ave Charleroi PA 15022	FP	HERTZOG, MD, Francis J 135 W Fair Meadows Dr Canonsburg PA 15317	GS
MALONE, MD, William J 150 Prospect St Franklin PA 16323	PD	WAGNER, MD, Robert A 150 Prospect Ave Ste 202 Franklin PA 16323	OBG	MCNETT, MD, Dale L 1043 E Fifth Ave Warren PA 16365	IM	BONI, MD, Dino R 76 W Hallum Washington PA 15301	IM	HESS JR, MD, Grant E 6 S Main St Washington PA 15301	FP
MARSHALL, MD, Jane M Rd 2 Seneca PA 16346	FP	WALTER, MD, David L 160 E Bissell St Oil City PA 16301	D	MESMER, MD, Roger E Box 249 Warren PA 16365	P	BOWSER, MD, Merle L Mc Donald PA 15057	FP	HISRIC, MD, Glenn D 95 Leonard Ave Washington PA 15301	ORS
MASON, MD, Charles E 1 Spruce St Franklin PA 16323	R	WELLS JR, MD, Hawey A Titusville Hospital Titusville PA 16354	PTH	MORELLI, MD, Anthony R 103 St Clair St Warren PA 16365	PD	BRAUN, MD, Thomas M Box 575 Ellsworth PA 15331	FP	HO, MD, Yee C 17 Crestvue Dr Washington PA 15301	FP
MAURER, MD, Carol N 15 Stewart Rd Oil City PA 16301	P	WELLS, MD, Margaret S 615 N Second St Titusville PA 16354	FP	MORY, MD, Stephen C Rd1 Box 1022 Russell PA 16345	FP	BRUNO, MD, Francisco F 596 W Pike St Canonsburg PA 15317	FP	HOHMAN, MD, Karl V 124 S McDonald St McDonald PA 15057	TS
MCCANDLESS, MD, David P 1226 Elk St Franklin PA 16323	IM	WRIGHT, MD, David L 150 Prospect St Franklin PA 16323	PD	MOSELEY, MD, Russell L Warren St Hosp Box 249 Warren PA 16365	PTH	CABRERA, MD, Retael Washington Mall Washington PA 15301	OBG	HOLETS JR, MD, Henry E Rd 2 Box 53D Monongahela PA 15063	FP
MCCANDLESS, MD, Garrett C 1226 Elk St Franklin PA 16323	FP			MULL, MD, Joseph C Sheffield PA 16347	FP	CANTERNA, MD, Anthony C R D 1 Rt 16 North Washington PA 15301	FP	HSU, MD, Shien S 205 E Lincoln Ave Mc Donald PA 15057	FP
				OCONNOR, MD, Arthur J 514 3rd Ave W Warren PA 16365	FP	CAPOBRES JR, MD, Rudolfo M 220 West College St Canonsburg PA 15317	AN		

HUGHES, MD, Joseph P Po Box 1784 Pinehurst NC 28374	FP	NOBLE, MD, Ellenetta B 339 E Bees St Washington PA 15301	FP	STINELY, MD, Regis W Washington Hospital Washington PA 15301	PTH	PROPST, MD, Harry D 507 High St Honesdale PA 18431	GS	BLATCHLEY, MD, Donald M 225 Prof Bldg Greensburg PA 15601	D
HUGHEY, MD, Jamaa R 522 Pangola Dr Tropic T N Fort Myers FL 33903	FP	OTVOS, MD, Emery G 700 Shelner Ave Brownsville PA 15417	GS	STUTZ, MD, Martin 8 S Main St Washington PA 15301	FP	SHISHAK, MD, Aryo A 209 E High St Millford PA 18337	FP	BORTZ, MD, Donald W 559 Shaarer St Greensburg PA 15601	IM
INGRAM, MD, David N 849 W Pike St Houston PA 15342	US	PALUSO, MD, Eugene F 400 Jafferson Ave Washington PA 15301	FP	TIBBENS, MD, George F 6 S Main St Washington PA 15301	OPH	TIETJEN, MD, George W 1302 Overlook Ave Honesdale PA 18431	GS	BORTZ, MD, Welter M 559 Shaarer St Greensburg PA 15601	IM
JAYAKUMAR, MD, Subramoniem 35 Peul Dr Washington PA 15301	IM	PALUSO, MD, John R Rd 1 Box 183A Dire Dr Hickory PA 15340	FP	TRIPOLI, MD, Chelias J 50 Apple Valley Dr Washington PA 15301	FP	TULLY, MD, Vincant J 1325 Main St Honesdale PA 18431	FP	BOYLE, MD, Bruce C 559 Shaarer St Greensburg PA 15601	OBG
JONES, MD, George J 50 N Welson Ave Washington PA 15301	U	PANICCO, DO, Richard J 1648 Little Meadow Rd Pittsburgh PA 15241	IM	UY, MD, Henry T 304 Oaklewn Dr Pittsburgh PA 15241	R	YOO, MD, Hoon R D 1 Goll Hill Honesdale PA 18431	OBG	BRADLEY JR, MD, William A 100 Pennsylvania Ave Irwin PA 15642	FP
KARAMCHETI, MD, Anand 27 Highland Ave Sta 206 Washington PA 15301	U	PARENT JR, MD, Farnend N 426 W Main St Monongahela PA 15063	GS	VACCARO, MD, Philip F 129 Towar St Monongahela PA 15063	US	WESTMORELAND			
KILPARTICK, MD, William F 118 Main St New Eagle PA 15067	IM	PARESO, MD, James D 95 Leonard Ave Sta 301 Washington PA 15301	GS	VALLEJO, MD, Manuel C 514 N Washington Rd McMurray PA 15317	GS	ABER, MD, John M 435 Ridge Rd Greensburg PA 15601	FP	BRALLIER, MD, Hugh W Rd 3 High Acre Dr Ligonier PA 15858	FP
KIM, MD, Kun H Brownsville Gan Hosp Brownsville PA 15417	ORS	PATAKI, MD, Richard S 155 Wilson Ave Washington PA 15301	PTH	VANCE, MD, Meude V 700 Shafner Ave Brownsville PA 15417	FP	ABOOSI, MD, Ali J 599 N Church St Mt Pleasant PA 15666	PD	BRANT, MD, Carl E 743 Sagamore Hill Rd Greensburg PA 15601	OPH
KIM, MD, Song Kaun 283 Getashad Dr McMurray PA 15317	FP	PETRO, MD, Dimitri M 718 Mckeen Ave Donore PA 15033	FP	VANSTRIEN, MD, Adrien R 95 Leonard Ave Washington PA 15301	IM	ABUL-FADL, MD, Yahya 603 N Church St Mt Pleasant PA 15666	IM	BROWN, MD, Donald C 100 Pennsylvania Ave Irwin PA 15642	GS
KITSKO, DO, Dennis 828 N Main St Washington PA 15301	FP	PHANSE, MD, Kalyani M 510 N Washington Rd McMurray PA 15317	OBG	VESELY, MD, John A Chasa St New Eagle PA 15067	GS	ACOSTA-MELENDZ, MD, Antonio E 201 4th St Irwin PA 15642	IM	BUCCI, MD, Joseph F 305 Everson Ave Scottsdale PA 15663	OTO
KITTRELL, MD, William H 212 E Mc Murray Rd McMurray PA 15317	FP	PIPER, MD, Russell W 305 Wilson Ave Washington PA 15301	FP	WADHWANI, MD, Bhagwan J 114 Alkim Drive Brownsville PA 15417	IM	AHUJA, MD, Subash C Citizens Gan Hosp New Kensington PA 15068	P	BUFFALINO, MD, Russell S 500 S Church St Mt Pleasant PA 15888	ORS
KLEIN, MD, Frad S 107 Graan Ridge Dr Monogehale PA 15063	PD	PIRRIS, MD, John 418 Wilson Ave Washington PA 15301	U	WELDON, MD, John F 2665 Gloucester Dr Upper St Clair PA 15241	FP	ALI, MD, Abu N N Graangta Prot Bl Rd2 Jeannette PA 15644	OTO	BULLARD JR, MD, Ray E Torrance State Hoap Torrance PA 15779	P
KROH, MD, Deen F 277 Trinity Dr Washington PA 15301	FP	PIZZI, MD, Wilson B 18 Wilson Ave Washington PA 15301	N	WHALEN, MD, Thomas J 104 Washington Rd McMurray PA 15317	FP	ALMALLAH, MD, Ahmed Y 599 N Church St Mt Pleasant PA 15666	GS	BURES, MD, Joseph C Letroba Area Hoap Path Letroba PA 15650	PTH
KROSNOFF II, MD, Micheal 95 Leonard Ave Ste 203 Washington PA 15301	GS	PROUDFIT, MD, J Paul 70 E Baau St Washington PA 15301	IM	WHITE, MD, David A Gan Hoap 125 Simpson Rd Brownsville PA 15417	IM	ALPONAT, MD, Orhan S 55 W Main St Mt Pleasant PA 15666	OBG	BURSALI, MD, Salehettin 599 N Church St Mt Pleasant PA 15666	IM
KUMAR, MD, Ashok 118 Phillips Dr McMurray PA 15317	IM	RAINES, MD, Fradarick S Rd #1 Box 304A Cermichael PA 15320	OS	WODNICKI, MD, Moias 401 Shady Ave Suite 301A Pittsburgh PA 15206	P	AMBROSE, MD, C Hubar 1200 S Megnolie Drive Indielectic FL 32903	OBG	BUSHYAGER, MD, Ronald R 635 Brush Hill Rd Irwin PA 15642	FP
LANE, MD, John F 152 Lamoyne Ave Washington PA 15301	PRM	RAWNSLEY, MD, Harbart H 95 Leonard Ave Washington PA 15301	OBG	WORSHTIL, MD, Mark E 155 Wilson Ave Washington PA 15301	FP	ANTOON JR, MD, Saleam J 502 5th St New Kensington PA 15068	OTO	CAMPANA, MD, Fraderick T 331 Schoonmekar Ave Monessen PA 15062	FP
LANGENHEIM, MD, Geosetta A 309 Fifth St Charleroi PA 15022	OBG	REILLY JR, MD, William M 55 Highland Ave Washington PA 15301	OPH	ZADECKY, MD, Leonard B 118 Main St New Eagle PA 15067	IM	ARMANIOUS, MD, Adal W 800 Ligonier St Letroba PA 15650	U	CARETTI, MD, J William 559 Shaarer St Greensburg PA 15601	OBG
LARGE, MD, Fred D 228 Main St Cleystville PA 15323	FP	REISINGER JR, MD, William E 51 Cravan Dr Charleroi PA 15022	R	ZAFAR, MD, Tasnaam S 788 Scrubgrass St Pittsburgh PA 15243	PTH	ASSANASEN, MD, Banja V R D 1 Box 205 Avonmore PA 15618	GS	CARTER, MD, Donald L 814 Fourth Ave New Kensington PA 15068	OBG
LEE, MD, John K Canonsburg Gen Hosp Canonsburg PA 15317	AN	RICHARDSON, MD, Jamaa E 55 Highland Ave Washington PA 15301	FP	ZIEGLER, MD, Jay M Rd #3 61 Blue Jay Dr Washington PA 15301	FP	ASSANASEN, MD, Cherin R D 1 Box 205 Avonmore PA 15618	PD	CARTER, MD, James S 9 Spring Run Rd Greensburg PA 15601	US
LESLIE, MD, David C 95 Leonard Ave Washington PA 15301	OBG	RICHARDSON, MD, Roes E Rd 2 Box 79 Eighty-Four PA 15330	ORS	ZINSSER, MD, Michael H 95 Leonard Ave Washington PA 15301	OBG	AUSTIN, MD, George L Jeannetta Dist Mem Hosp Jeannetta PA 15844	IM	CASPER, MD, Daniel R 1280 Martin Ave New Kensington PA 15068	IM
LESNOCK, MD, Robert G 860 Duncan Ave Washington PA 15301	FP	RONGAUS, MD, William J Box 196 Rt 837 Monongahela PA 15063	FP	ATKINSON, MD, John M Box 93 Baach Lake PA 18405	IM	BAJWA, MD, Surinder S 1280 Martin Ave New Kensington PA 15068	GS	CATALANO JR, MD, Louia W 314 Daborah Dr Letroba PA 15650	N
LESTER, MD, Daniel E 40 Semuel Dr Washington PA 15301	IM	RUBEN, MD, Jerold R 95 Leonard Ave #302 Washington PA 15301	IM	BULLOCK, MD, Jack S 307 Broad St Millford PA 18337	OBG	BALCITA, MD, Arthur L 409 7th St & 5th Ave New Kensington PA 15068	IM	CATALANO, MD, Kethlean F 314 Daborah Dr Letroba PA 15650	PD
LEWIS, MD, Thomas J 300 Elm Dr Rd 3 Canonsburg PA 15317	U	RUBEN, MD, Malcolm E 145 Echo Glen Dr Washington PA 15301	U	CERON, MD, Gabriel 2 Hillcrest Rd Honesdale PA 18431	IM	BANKACI, MD, Murat 599 N Church St Mt Pleasant PA 15666	OBG	CAWOG, MD, Antoine F 70 Lincoln Wey Eat Jeannette PA 15644	FP
LONG, MD, Richard A 315 Rodkay St Rd 1 Belle Vernon PA 15012	IM	RUDO, MD, Mervin 1254 Overlook Dr Washington PA 15301	IM	CLARKE, MD, L John R D #1 Box 88 Honesdale PA 18431	R	BARBER, MD, John V Proteasional Bldg Greensburg PA 15601	OTO	CERASO, MD, Louia C 808 Craigdall Gerdana New Kensington PA 15068	FP
MARTIN JR, MD, John B Box 386 Fradericktown PA 15333	IM	SALVITTI, MD, E Ronald 600 Jefferson Ave Washington PA 15301	FP	DEWAR III, MD, William R Box 183 A Tafton PA 18484	IM	BARNHART, MD, Arthur D 31 S 4th St Youngwood PA 15697	U	CERNE, MD, Andrew J Harminie PA 15637	FP
MCCABE, MD, John S 95 Leonard Ave Washington PA 15301	TS	SCHMIELER, MD, George C 155 Wilson Ave Washington PA 15301	IM	DEWAR, MD, William R Box 183 A Tafton PA 18464	FP	BARNES II, MD, Arthur E 1280 Martin Ave New Kensington PA 15068	IM	CHANDRASEKARAN, MD, Sennesie 2900 Mam Blvd Connallsville PA 15425	IM
MCCARRELL, MD, John K Hickory PA 15340	FP	SCHMIELER, MD, George P 615 1st St Canoneburg PA 15317	FP	FUNK, MD, Edwin H Rd 1 Box 88 Honesdale PA 18431	FP	BARSOUM, MD, Adib H 228 S Mepla Ave 201 Greeneburg PA 15601	FP	CHANG, MD, Chelias H 107 E Main St Mt Pleasant PA 15688	OBG
MCCARTHY, MD, Edward L 12 W Pike St Canonsburg PA 15317	OPH	SHARMAN, MD, Michael H 34 N Jaffereon Ave Canonsburg PA 15317	PM	GUSTAINIS, MD, George J P O Box 627 Honesdale PA 18431	FP	BAUM-BARVIE, MD, Alicia 905 Spruca St Irwin PA 15642	FP	CHAVERN, MD, Hugh E 18 N Spring St Greeneburg PA 15601	P
MCGINNIS, MD, John C 11705 Marcy Blvd Savannah GA 31406	PM	SHELTON, MD, Joseph M 933 Wash Trust Bldg Washington PA 15301	FP	HEISLEY, MD, Nellie Ceasall Crescent City FL 32012	FP	BAYANI JR, MD, Eladio Y 503 W Newton Greeneburg PA 15601	NS	CHERNEW, MD, Irwin M 5620 Meriboro Rd Pittsburgh PA 15217	PTH
MCKINLEY, MD, Erin A 147 Roscommon Plece McMurray PA 15317	FP	SIEGEL, MD, Joseph F 212 Global Bldg Washington PA 15301	PD	HENDERSON, MD, Donald W 1325 N Main Honesdale PA 18431	FP	BEGGS, MD, John L 425 Broad Ave Balle Vernon PA 15012	ORS	CLEARFIELD, MD, Ronald J Citizens Gen Hosp New Kensington PA 15068	R
MCMAHAN, MD, Joseph N 622 N Main St Washington PA 15301	GS	SIGNORELLA, MD, Louis 615 E Mc Murrey Rd Mc Murray PA 15317	FP	KOCH, MD, Harold W 924 Church St Honesdale PA 18431	FP	COUCH, MD, F Boyd 365 Moyhend St Springdele PA 15144	FP	CLEMENTS, MD, David H 448 Ridge Ave New Kensington PA 15068	OBG
MCMAHON, MD, William J 74 Stonahenge Dr Washington PA 15301	R	SILVIS, MD, Herry J 95 Leonard Ave Washington PA 15301	AN	KOVRT, MD, Alan E W A M F Tafton PA 18464	PD	BELLANCA JR, MD, Guy L Westmoreland Hosp Greensburg PA 15601	U	COBETTO, MD, Bernerd H 411 S Main St Greensburg PA 15601	R
MCMMASTER, MD, Gilbert B 111 Robinhood Lene Mc Murray PA 15317	FP	SMITH JR, MD, Parry C 69 E Baew St Washington PA 15301	IM	LEE, MD, Young W 250 Ridge St Honesdale PA 18431	PD	BERARDI, MD, Ronald S Letroba Area Hoap Letroba PA 15650	FP	COLE, MD, Richard S 629 Oak Hill Lane Greensburg PA 15601	GS
MEINDL, MD, Georga T Washington Hospital Washington PA 15301	R	SOBOL, MD, Barnard H 420 Fallowfield Ave Cherlaroi PA 15022	GS	MCGRAW, MD, Jemea J P O Box 627 Honesdale PA 18431	PTH	BERBERICH, MD, Walter F 4002 E San Juen Phoenix AZ 85018	FP	CONTE, MD, Robert R 1010 Ligonier St Letroba PA 15650	OBG
MERZI, MD, Allan J 95 Leonard Ave Ste 203 Washington PA 15301	IM	SORENSEN, MD, Alttred L 95 Leonard Ave Washington PA 15301	OPH	MILKS, MD, Carl J 415 Park St Honesdale PA 18431	FP	BERMAN, MD, Howerd J 600 Jeffaraon Ave Jeannette PA 15844	PTH	COSTELLO, MD, Ralph M P O Box E Pleasant Unity PA 15876	PTH
MILLER, MD, Clarke T R D 1 Avelle PA 15312	IM	SPANOGIANS, MD, Angelo J Box 368 Burgattatown PA 15021	D	NIESEN, MD, Emil T 602 Church St Honesdale PA 18431	PD	BEYER JR, MD, Francis D 601 Case Vita Greensburg PA 15601	IM	COUCH, MD, F Boyd 365 Moyhend St Springdele PA 15144	FP
NEMANI, MD, Pendharinath, Park Shopping Ctr Grend Monessen PA 15062	ORS	SRIWATTANAKOMEN, MD, Supote 118 Main St New Eagle PA 15067	FP	OWENS, MD, Hobert N 416 Church St Hawley PA 18428	FP	BLACKBURN, MD, Lawrance F 20 Cypress Ave Greensburg PA 15601	PTH	COURTNEY, MD, William B 559 Shaarer St Greensburg PA 15601	OBG
NGUYEN, MD, Tinh-Chau 395 Southridga Dr Pittsburgh PA 15241	PD	STEPHENS, MD, Josephine M 701 W Main St Monongehala PA 15063	FP	PARDINE, MD, Marilyn T 404 Keystone St Hawley PA 18428	IM	COYLE, MD, Rey W Po Bx 8 Parnessus Sta New Kensington PA 15066	IM	CRIBBS, MD, Richard M 1213 Elm St S Greensburg PA 15601	IM
NICHOLLS, MD, S Glanne 37 Highland Ave Washington PA 15301	FP		OTO	PETKUS, MD, John A Shohole PA 18458	GS		FP		
NIES, MD, Gerald F 27 Highland Ave Washington PA 15301	OTO				FP		IM		PD

JURRIE, MD, Philip W 1010 Ligonier St Latrobe PA 15650	OBG	GILBERT JR, MD, Earl B 212 N Chestnut St Scottsdale PA 15683	FP	KETTERING, MD, Donald L 559 Shearer St Greensburg PA 15801	IM	MANKOVICH, MD, Paul A 1748 Lincoln Ave Latrobe PA 15850	FP	OVERLY, MD, Wylie L 1100 Ligonier St Latrobe PA 15850	IM
JURTI, MD, Jerome E 1006 Ligonier St Latrobe PA 15650	GS	GILLESPIE, MD, Harry K 1825 Penne Ave Irwin PA 15842	PD	KIM, MD, Dong H Phys Bldg Jefferson Ave Jeannette PA 15644	GS	MARSH, MD, William E 228 S 5th St Jeannette PA 15644	FP	OWEIDA, MD, Nizer N 638 4 Ave New Kensington PA 15068	GS
JAKIN, MD, Theodora P 3907 Old Wm Penn Hwy 307 Murrysville PA 15668	FP	GLASSER, MD, Stuart A 859 S Main St Greensburg PA 15801	D	KIM, MD, Yong-Il Jeannette Hosp Jeannette PA 15044	AN	MAXWELL, MD, Doris B 559 Shearer St Greensburg PA 15801	GS	PAE, MD, Dong W 532 Main St Irwin PA 15642	PTH
DAVIE, MD, Frank M 183 Columbia Ave Vandergrift PA 15690	GS	GORDON, MD, Harold E 117 S St Clair St Ligonier PA 15658	PTH	KING 2ND, MD, Arthur H 125 2D St West Newton PA 15089	FP	MAYHEW, MD, J Morgan 445 N Mem St Greensburg PA 15801	PTH	PANTALONE, MD, Frenk A 797 E Pittsburgh St Greensburg PA 15601	ORS
DEBONIS-BASILE, MD, Meryellen P O Box Vw New Stanton PA 15672	FP	GORDON, MD, Milton S 822 4th Ave New Kensington PA 15066	FP	KINNEY, MD, Mary S 200 S Market St Ligonier PA 15658	OBG	MAZERO, MD, John R Latrobe Area Hosp Latrobe PA 15650	IM	PARK, MD, Byung S 503 W Newton St Greensburg PA 15601	IM
DEGREGORY, DO, Thomas R 559 Shearer St Greensburg PA 15601	FP	GOVI, MD, Joseph R R D 8 Box 568 Latrobe PA 15850	IM	KLIEGER, MD, Herman L Citizens Gen Hosp New Kensington PA 15068	PTH	MCCLLOY, MD, Merritt J 764 W Main St Mt Pleasant PA 15668	FP	PARKER, MD, John S 1100 Ligonier St Greensburg PA 15601	IM
DEJESUS, MD, Robert 545 Rugh St Greensburg PA 15601	IM	GRABIAK, MD, Gregory D Latrobe Area Hosp Latrobe PA 15650	OTO	KOPELMAN, MD, Nathan A 1081 Woodbury Rd New Kensington PA 15068	US	MCCLUNG, MD, Larry S R D 1 Box 815-A Lwr Burrell PA 15068	FP	PATHEJA, MD, Jotinder K 659 Shearer St Greensburg PA 15601	R
DEMROWICZ, MD, Marie W 59 Dutch Lane Pittsburgh PA 15238	FP	GRAFF, MD, Charles K 534 5th Ave New Kensington PA 15068	GS	KOSTER, MD, Lee H 1038 Edgewood Rd New Kensington PA 15068	GS	MCCLURE, MD, Thomas D Latrobe Area Hospital Latrobe PA 15650	R	PEATICK, MD, George E R D 4 Box 101 Blairsville PA 15717	P
DESIMONE, MD, John S Greenview Arms Apts Greensburg PA 15601	FP	HAAS, MD, Donald D 111 Sherwood Dr Greensburg PA 15601	R	KREGER JR, MD, Oliver J 9 Penn Dr Monessen PA 15062	IM	MCCORMICK, MD, Mark W 905 Spruce St Irwin PA 15642	OBG	PERRONE JR, MD, Frank P 559 Shearer St Greensburg PA 15601	GS
DIBAGNO, MD, Geno J Rd 8 Box 130-C Greensburg PA 15601	R	HALE, MD, Wayne A Rd 3 Box 88A Ligonier PA 15658	FP	KRICK, MD, John H Rd 3 Greensburg PA 15801	FP	MCGEARY, MD, Lester E 448 Ridge Ave New Kensington PA 15068	PD	PETERSON JR, MD, Jay B 28 Windhill Dr Greensburg PA 15801	ORS
OIDDLE, MD, Kenneth W 601 Michigan Jeannette PA 15644	IM	HALICKE, MD, Philip V 41 N Main St Bk Tr Bldg Greensburg PA 15601	P	KRISHNAPPA, MD, Boriah N Rd #3 Box 88 Black Mt Rd Irwin PA 15842	PD	MCGRATH, DO, William J 582 Sheaver St Greensburg PA 15601	IM	PETRICK, MD, Thomas P 11 N Ligonier St Latrobe PA 15650	GS
OOHERTY, MD, Joseph C 1748 Lincoln Ave Latrobe PA 15650	FP	HANES, MD, Kenneth F 224 N 2nd St West Newton PA 15089	FP	KROUSE, MD, John M 401 Depot St Latrobe PA 15650	TS	MCKELVEY JR, MD, Paul G 422 Mt Thor Rd Greensburg PA 15601	FP	PFEIFER III, MD, William F Med Arts Bldg Ste 203 Greensburg PA 15601	GS
DONCASTER, MD, Richard M 904 Kunkle Ave Greensburg PA 15601	FP	HANNA, MD, Salah G 515 Pittsburgh St Springdale PA 15144	OS	KUMAR, MD, V Hema 7 N 4th St Youngwood PA 15897	FP	MCMURRAY, MD, Henry A 175 Hawksworth Rd Greensburg PA 15601	OTO	PIERCE, MD, Leslie S 217 S Pennsylvania Ave Greensburg PA 15601	IM
DONOFRIO, MD, Patsy A 601 Michigan Ave Jeannette PA 15644	FP	HARPER JR, MD, John J 1100 Ligonier St Latrobe PA 15650	PD	LAFONTANT, MD, Robert R Shearer & Wash Greensburg PA 15801	GS	MCSTEEN, MD, Arthur J Box 478 Pinehurst NC 28374	IM	PLUNDO, DO, Gery P 401 Pellis Rd Greensburg PA 15601	FP
DOTTERWAY, MD, Blanche E 36 Avenua A Latrobe PA 15650	FP	HARRISON, MD, Frank D Citizens General Hosp New Kensington PA 15068	R	LANE, MD, Frank C Torrance State Hosp Torrance PA 15779	P	MEMON, MD, Mohemmad K 1100 Ligonier St Latrobe PA 15650	IM	PLUNDO, DO, Larry J 401 Pellis Rd Greensburg PA 15601	FP
DUBNANSKY, MD, John E Rd 8 Box 2700 Wind Dr Mt Pleasant PA 15666	US	HARTMAN, MD, H King 516 Pellis Rd Greensburg PA 15801	OPH	LAZZARO, MD, Theodore A 180 Pleasant Unity Rd Greensburg PA 15601	PS	MIRANDA, MD, Ralph A 2568 Haymaker Rd Monroeville PA 15146	FP	PRITTS, MD, Rose M 545 Rugh Street Greensburg PA 15601	IM
DULL, MD, James A 559 Shearer St Greensburg PA 15601	GS	HATTOUM, MD, Pittagore 905 Spruce St Irwin PA 15642	OBG	LEE, MD, Jong Y Westmoreland Hosp Greensburg PA 15801	AN	MISRA, MD, Heri K 70 Lincoln Way East Jeannette PA 15644	IM	PROMUBOL, MD, Yuwsree 618 Jefferson Ave Jeannette PA 15844	OBG
EDUPUGANTI, MD, Subbe R Latrobe Area Hosp Latrobe PA 15650	AN	HAUGER, MD, Harold N 1825 Penne Ave Irwin PA 15642	OPH	LEIGH, MD, Rewng Medical Arts Bldg Netrons Heights PA 15065	GS	MONSOUR, MD, Roy C 408 Cley Ave Jeannette PA 15844	FP	RAO, MD, Gutti P Latrobe Area Hosp Latrobe PA 15650	AN
EGLESTON, MD, L Allan Norvelt Med Ctr Norvelt PA 15674	GS	HAZLETT JR, MD, Walter S 501 Weldon St Latrobe PA 15650	FP	LEONIDA, MD, Elfen L Melrose Drive New Stanton PA 15672	FP	MONSOUR, MD, Robert G 1500 Broad St Greensburg PA 15801	FP	RATHGEB, MD, John M 562 Shearer St Greensburg PA 15801	ORS
EISEMAN JR, MD, Paul C P O Box 27 Latrobe PA 15650	ORS	HEISTER, MD, Joseph B 448 Ridge Ave New Kensington PA 15068	FP	LEVINE, MD, Jacob 1000 Spanish River Rd 4K Boca Raton FL 33432	PTH	MONSOUR, MD, William J Monsour Clinic Jeannette PA 15844	IM	REEL, MD, Charles M 362 Freepoint St New Kensington PA 15068	OPH
ELATTRACHE, MD, Selim 606 S Church St Mt Pleasant PA 15666	ORS	HERRON, MD, Eugene W 47 Greensburg St Delmont PA 15628	IM	LEVINSON, MD, William D 530 Main St Mount Pleasant PA 15888	FP	MONTALBO, MD, Serafin A 109 Monticello Dr Monroeville PA 15148	FP	REILLY JR, MD, Philip J Box 749 Smithton PA 15479	FP
ELHILLAL, MOHAMMAD, F 141 Summit Dr N Huntingdon PA 15842	GS	HERSHOCK, MD, Bruce A 214 W Fifth Ave Latrobe PA 15650	ORS	LEWIS, MD, Henry C 559 Shearer St Greensburg PA 15801	FP	MOON, MD, Sung B 65 Briarwood Dr Rd 2 Jeannette PA 15844	AN	RELIGIOSO, MD, Erson L 818 Jefferson Ave Jeannette PA 15644	IM
ELIAS, MD, Ferid J 905 Spruce St Irwin PA 15642	GS	HOFFMAN, MD, William J Latrobe Area Hosp Latrobe PA 15650	R	LEYDIG, MD, Richard A 2781 Leechburg Rd Lower Burrell PA 15068	FP	MORAN JR, MD, Thomas W 401 Depot St Latrobe PA 15850	GS	RELIGIOSO, MD, Eloisa P 818 Jefferson Ave Jeannette PA 15844	PD
ENYEART, MD, Hervey F 228 S 5th St Jeannette PA 15644	FP	HOLST, MD, Robert A 1100 Ligonier St Latrobe PA 15650	NS	LIGHT, MD, Wilma C 1100 Ligonier St Latrobe PA 15850	PD	MORROW, MD, Herbert J Main St New Alexandria PA 15870	FP	REYNA, MD, Oscar D 328 Weldon St Latrobe PA 15650	FP
FIGALLO, MD, Eduardo M 532 W Pittsburgh St Greensburg PA 15601	AN	HOSSAIN, MD, Ayesha 72 Briarwood Dr Jeannette PA 15644	FP	LIM, MD, Young K 603 N Church St Mt Pleasant PA 15666	PD	MORROW, MD, Thayer K Westmoreland Hosp Greensburg PA 15801	PTH	ROMAN, MD, Stephan J Box 182 #8 White Sc Rd Greensburg PA 15601	IM
FLANNAGAN, MD, Samuel W 600 Ligonier St Latrobe PA 15650	OBG	HOUSTON, MD, James L 344 Freeport St New Kensington PA 15068	OBG	LIPANA, MD, Narcise D 500 St Thomas Pl Greensburg PA 15801	PTH	MURCEK, MD, Martin A 582 Shearer St Ste 101-2 Greensburg PA 15801	FP	ROSEN, MD, James A R D 2 Box 645 Greensburg PA 15801	N
FLEGLER, MD, Seul M 534 5th Ave New Kensington PA 15068	IM	HUGHES, MD, William M 102 N 3rd St West Newton PA 15089	FP	LIPANA, MD, Oscar N Frick Comm Hosp Mt Pleasant PA 15886	R	MYSLAWSKI, MD, Walter J 103 Alexander Ave Greensburg PA 15801	GS	ROTSCHAEFER, MD, Bernard L 4212 Old Wm Penn Hwy Murrysville PA 15888	US
FLORENTIN, MD, Heriberto M 301 Brimstone Bldg Connellsville PA 15425	OBG	HUNTER, MD, George R 710 Floridie Ave Jeannette PA 15644	IM	LIPINSKI, MD, Joseph F 1138 Parkview Dr New Kensington PA 15068	GS	NADER, MD, Charles R Shepherd Bldg New Kensington PA 15068	FP	RYCKMAN, MD, William F P O Box 395 4th St Sutersville PA 15083	FP
FONG, MD, Jeke 35 Fairway Dr Greensburg PA 15601	PRM	ICLI, MD, Nadir 303 Elm Dr Maplewood Ter Greensburg PA 15801	AN	LISKA, MD, John R 12 Wren Drive Hilton Head SC 29928	U	NAPLES, MD, Louis A 818 Woodburn Lane Greensburg PA 15801	FP	SACHAKUL, MD, Chitrinee Masonic Lodge Pro Bldg Level Green PA 15085	OBG
FOSTER, MD, Walter D 433 Ridge Rd Mplwd Terr Greensburg PA 15601	R	IDUCOVICH, MD, Nicholas 1103 Hawthorne Pl New Kensington PA 15068	AN	LISOWITZ, MD, Garald M 228 S Maple Ave Greensburg PA 15801	P	NEALON, MD, Garvese F 840 Spring St Latrobe PA 15850	IM	SALATKA, MD, Karl W 836 4th Ave New Kensington PA 15068	GS
FREEDBERG, MD, Lawrence E 600 Ligonier St Latrobe PA 15650	GS	JABLONSKY, MD, Albert Pittsburgh Natl Bank Bld Jeannette PA 15844	IM	LUBOW, MD, Harry 9601 Collins Ave Apt 10D Bel Harbor FL 33154	FP	NEMEC, MD, John E 302 Sewickley Ave Hermistie PA 15837	US	SANDERS, MD, Robert E 913 Beacon Valley Rd Greensburg PA 15601	IM
FRONDUTI, MD, Lucian J 4575 Cove Cr #906 Medeira Beach FL 33708	GS	JAVAN, MD, Mehdi B 836 4th Ave New Kensington PA 15068	GS	LUNDIE, MD, William M Rd 1 Box 364A Apollo PA 15813	IM	NEWHOUSE, MD, Joseph J 117 Liberty Ave Bella Vernon PA 15012	FP	SANDOVAL, MD, Conchite Q 92 Williamsburg Pl Irwin PA 15842	FP
FUSIA JR, MD, Donald A 448 Ridge New Kensington PA 15068	IM	JETTER, MD, Walter W 720 Weldon St Latrobe PA 15650	PTH	LYNCH, MD, James R Latrobe Area Hosp Red Latrobe PA 15650	R	NEWMAN, MD, John H 559 Shearer St Greensburg PA 15601	OBG	SANTAMARIA, MD, Francisco R Rd 8 Box 1921 Mt Pleasant PA 15688	GS
GEMMILL, MD, William P 520 E Ridge Village Dr Miami FL 33157	US	JOHNSON, MD, Walter K Professional Arts Bldg New Kensington PA 15088	IM	LYNN, MD, Richard E 599 N Church St Mt Pleasant PA 15668	IM	NGUYEN, MD, Trong P 112 Mohawk Dr Greensburg PA 15801	FP	SARVER, MD, Ray G 1100 Ligonier St Latrobe PA 15850	PD
GENATO, MD, Jaime M 1330 Dellviaw Dr Greensburg PA 15601	FP	KAMINSKI, MD, Thomas N 307 Amblerwood Circle Greensburg PA 15601	IM	MACPHAIL, MD, John A 818 Jefferson Ave Jeannette PA 15844	ORS	NICOLETTE JR, MD, Anthony J 929 Country Club Dr Greensburg PA 15801	R	SAUER, MD, Dieter 545 Rugh St Greensburg PA 15601	U
GERGER, MD, Joseph P 1001 A Ohio St Jeannette PA 15644	FP	KAR, MD, Dilip S 315 Depot St Latrobe PA 15650	OBG	MAHALINGAPPA, MD, C 333 Fallowfield Ave Charleroi PA 15022	ORS	NSIER, MD, Nawaf I 582 Shearer St Greensburg PA 15601	IM	SCHEID JR, MD, John E 1829 Union Ave Netrons Hgts PA 15065	GS
GESSNER, MD, Thomas P 1100 Ligonier St Latrobe PA 15650	PD	KATIGBAK, MD, Constancio D 1312 Clearview Dr Greensburg PA 15601	FP	MAIDA, MD, Frank V 107 E Main St Mt Pleasant PA 15886	FP	OBER, MD, Henry E 206 Westmoreland Ave Greensburg PA 15601	FP	SCHWARTZ, MD, Jonathan 1280 Martin Ave New Kensington PA 15066	GS
GIBSON, MD, F Cley 1006 Ligonier St Latrobe PA 15650	FP	KATZ, MD, Jerold M 600 Ligonier St Latrobe PA 15650	U	MAKDAD, MD, Ameane G 539 Greens St Greensburg PA 15801	FP	OLIVER, MD, Orlando P 111 2nd St Derry PA 15827	FP	SCHWARTZ, MD, Jonathan 1280 Martin Ave New Kensington PA 15066	IM
GICK, MD, Stephen A 214 West 1st St Latrobe PA 15650	ORS	KECK, MD, Wm S 228 S Maple Ave Greensburg PA 15601	OPH	MAMO, MD, George E Latrobe Area Hosp Latrobe PA 15850	P	OSKIN, MD, Hilbert E Latrobe Area Hosp Latrobe PA 15850	P		

SEARFOSS, MD, Roger C 210 Weldon St Latrobe PA 15650	ORS	WEINSTEIN, MD, David P Citizens Gen Hosp New Kensington PA 15068	R	BACASTOW, MD, Merle S York Hospital York PA 17405	IM	DAVIS, MD, Robert M R D 1 Scout Rd Felton PA 17322	GS	GASPARI, MD, Raymond J 1938 Security Dr York PA 17402	IM
SHAH, MD, Ghazanfar A 70 Lincolnway East Jeannette PA 15644	R	WEISEL, MD, William M 2330 Cedar Ave Latrobe PA 15650	FP	BAERTL, MD, Juan M R D 1 Box 220 Morris Rd Fawn Grove PA 17321	IM	DEISHER, MD, Samuel W 1776 S Queen St York PA 17403	OBG	GEISELMAN, MD, Douglas L 1040 Midland Ave York PA 17403	FP
SHARMA, MD, Jashwant K 616 Evans Ave McKeesport PA 15132	IM	WIDLAN, MD, Sheldon 1100 Ligonier St Latrobe PA 15650	D	BAUER, MD, Thomas L Brookside Med Ctr-924 York PA 17403	GS	DELLINGER, MD, Woodrow S 104 S Main St Red Lion PA 17356	FP	GELPI, MD, Joae A 2076 Springwood Rd York PA 17403	P
SHEDRO, MD, Hector 1260 Martin Ave New Kensington PA 15068	IM	WIGLE, MD, Arnold R 720 Weldon St Latrobe PA 15650	ORS	BEEKEY JR, MD, Cyrus E 272 Walnut Ln York PA 17403	U	DELOZIER, MD, Joseph W 300 Highland Ave Hanover PA 17331	R	GEMMILL, MD, Norman H 88 Jamison Dr York PA 17402	FP
SHERMAN, MD, Henry K R D 7 Cent Med Arts Bldg Greensburg PA 15601	OTO	WILLIAMS, MD, Norman S 559 Shearer St Greensburg PA 15601	R	BELKNAP, MD, Harold P 2595 S George St York PA 17403	FP	DELP, MD, William T 1776 S Queen St York PA 17403	OBG	GEMMILL, MD, Reginald B Stewartstown PA 17383	FP
SHETTY, MD, Ashok K 4212 Old Wm Penn Hwy Murrysville PA 15668	IM	WILLIAMSON, MD, Edward L Latrobe Hosp Latrobe PA 15650	N	BENE, MD, Catherine H 80 Crestwood Lane York PA 17402	US	DELVECCHIO JR, MD, Leonard M 2483 Hepplewhite Dr York PA 17404	R	GERLACH, MD, Detlef H 1601 S Queen St York PA 17403	OBG
SHETTY, MD, Karunekar S 301 Crestridge Dr Greensburg PA 15601	R	WILSON, MD, John S 1040 Dearborn Circle Greensburg PA 15601	R	BENENSON, MD, Ronald S 3380 Cranmere La York PA 17402	IM	DEMASI, MD, Rocco J 940 Clubhouse Rd York PA 17403	IM	GOBEL, MD, Reginald T 1800 S George St York PA 17403	FP
SHOPE, MD, William B 449 W Newton Ave Greensburg PA 15601	PD	WILSON, MD, Raymond N 317 Charles Ave New Kensington PA 15068	FP	BENFER, MD, Kenneth L 258 E Market St York PA 17403	IM	DEREWITZ, MD, Daniel L 72 Oak Ridge Dr York PA 17402	AN	GOCHOCO, MD, Jacinto J Shangrila Rd R2 Bx 147 Stewartstown PA 17383	PTH
SHRIVER, MD, Alan W 912 Harvey Ave Greensburg PA 15601	R	WITHERSPOON, MD, Robert G U S Rt 30 Box 330 Latrobe PA 15650	FP	BERMAN, MD, Ira J 2375 Sutton Rd York PA 17403	D	DEVAN, MD, W Todd 213 Eichelberger St Hanover PA 17331	GS	GRACEY, MD, Jack G York Hosp York PA 17405	IM
SHUTTER, MD, Walter D 411 Washington St Ligonier PA 15658	FP	WOLFF, MD, Jeffrey M 615 Acheson Ave North Apollo PA 15673	IM	BERNSTINE, MD, Earl L 1776 S Queen St York PA 17403	GS	DOBISH, MD, Michael J 2191 Blenheim Ct York PA 17403	FP	GRANING, MD, George E 1418 Grandview Gallup NM 87301	FP
SIPE, MD, William U 830 Chestnut St Latrobe PA 15650	AN	YANCHUS, MD, Robert M 344 Freeport St Rm 200 New Kensington PA 15068	ORS	BEST, MD, John W 924 Colonial Ave York PA 17403	U	DOCKTOR, MD, John W 437 W Market St York PA 17404	OTO	GROLMAN, MD, Dennis M 1399 S Queen St York PA 17403	AN
SIRIBHADRA, MD, Narin 920 Sunset Dr Greensburg PA 15601	R	YOON, MD, Dong S Henry Clay Frick Hosp Mt Pleasant PA 15666	FP	BHYUM, MD, Dae S 1001 S George St York PA 17405	R	DOUGLASS, MD, Paul H 3015 Eastern Blvd York PA 17402	OBG	GROSS, MD, Donald R 178 Highland Rd York PA 17403	AN
SLEZAK, MD, Joseph A 603 North Church St Mt Pleasant PA 15668	OBG	YOUNG, MD, Joseph M 529 Schoonmaker Ave Monessen PA 15062	IM	BITTENDER, MD, Ralph E 110 George St Hanover PA 17331	FP	DUNCAN, MD, Ralph E 924 Colonial Ave York PA 17403	U	GROVE, MD, Bruce A 426 W Market St York PA 17404	OPH
SLOANE, MD, Charles E 1260 Martin Ave New Kensington PA 15068	GS	ZAIDAN, MD, Fred Orchard Hill Mount Pleasant PA 15668	FP	BLECKER, MD, David 2060 N Brook Cir York PA 17405	R	EAGLE, MD, Perry A 908 S George St York PA 17403	ORS	GROVE, MD, Glenn P 912 S George St York PA 17403	GS
SMITH, MD, Jack D 409 S Main St Greensburg PA 15601	ORS	ZAUTOON, MD, Mohammad M 606 S Church St Mt Pleasant PA 15666	U	BOBIN, MD, John J 505 Madison Ave York PA 17404	US	EHRHART, MD, Kenneth W Hanover Gen Hosp Hanover PA 17331	PTH	GROVE, MD, Russell E 506 W Market St York PA 17404	FP
SNYDER JR, MD, Charles P 634 Brush Hill Rd Irwin PA 15642	FP	ZELEZNIK, MD, Miroslav 312 E Main St Ligonier PA 15658	IM	BORNT, MD, Marsha D 2011 Crescent St York PA 17403	OBG	EICHEBERGER, MD, Eli 745 Se 19th St Apt 238 Deerfield Bch FL 33441	FP	GROVE, MD, William K 428 W Market St York PA 17404	OPH
SOLWAY, MD, Sydney A 70 Lincoln Way E Jeannette PA 15644	PTH	ZUCK, MD, Walter N Citizens Gen Hosp New Kensington PA 15068	R	BORTNER, MD, Donald L S Broad St New Freedom PA 17349	FP	EISENHOWER, MD, Charles E 1028 Brockie Dr York PA 17403	OPH	GUNNET, MD, Oren W Codorus PA 17311	FP
SONG, MD, Young J 1260 Martin Ave New Kensington PA 15068	IM	WYOMING		BOYLE, MD, Liam E 9 Rathon Rd York PA 17403	IM	ELLIS IV, MD, John H 1927 Queenswood Dr J 103 York PA 17403	US	GUTHRIE, MD, Robert Family Practice Ctr York PA 17405	IM
SOTELO, MD, Augusto 518 Pellis Rd Greensburg PA 15601	OTO	BENNER, MD, John N Rd3 Russell Hill Tunkhannock PA 18657	IM	BRACHER, MD, Allen N 139 Woodland Dr York PA 17403	FP	ELLISON, MD, James E 100 Penn St Hanover PA 17331	ORS	GUZZARDI, MD, Lawrence J York Hosp Emer Dept York PA 17405	EM
SPEEDY, MD, Harry W 1100 Ligonier St Latrobe PA 15650	IM	DAVENPORT, MD, Arthur B 74 Elm St Tunkhannock PA 18657	FP	BURKLE, MD, Joseph S Grantley Rd Extended York PA 17403	IM	ENSMINGER, MD, Chalmers D 830 Jessop Pl York PA 17403	FP	HAGERTY, MD, Fred D 1620 S Queen St York PA 17403	OPH
SPINO, MD, Paacal D 311 S Maple Ave Greensburg PA 15601	PD	FRITZ, MD, Louise J Box 88 Lawton PA 18828	FP	BUSLER JR, MD, Verne M 848 Broadway Hanover PA 17331	FP	ESCARO, MD, Danilo U York Hosp York PA 17405	PTH	HALLE, MD, Carlton I 2200 S George St York PA 17403	IM
SPROCH, MD, Thomas M 307 Alta Vita Greensburg PA 15601	R	GERFIN, MD, Ernest R Tyler Mem Hosp Tunkhannock PA 18657	PTH	BUTERA, MD, Vincent 1399 S Queen St York PA 17403	ORS	ESKRIDGE, MD, Timothy H 940 S Queen St York PA 17403	OPH	HAMME, MD, Elmer G 758 W Market St York PA 17404	FP
STEPT, MD, William J 160 Millview Dr Pittsburgh PA 15238	AN	HOST, MD, William R R D 6 Tunkhannock PA 18657	GS	BUTLER, MD, Ivan L 2004 Crescent Rd York PA 17403	NS	ETTER, MD, Russel H 924-H Colonial Ave York PA 17403	FP	HAMPTON, MD, Louis J 9 Oak St Hanover PA 17331	AN
STILLEY, MD, John W Latrobe Area Hosp Latrobe PA 15650	R	LANDIS, MD, Ray L 89 College Ave Factoryville PA 18419	FP	CAMITTA, MD, Francine D 2004 Crescent Rd York PA 17403	OS	EVANS, MD, Robert L 1050 S George St York PA 17403	IM	HARRIS, MD, Floyd L 1399 S Queen St York PA 17403	AN
TANTISIRA, MD, Somphong 70 Lincoln Way East Jeannette PA 15644	GS	LLEWELLYN, MD, William J State St Nicholson PA 18446	FP	CANN III, MD, Thomas W 1601 S Queen St York PA 17403	IM	FARKAS, MD, Robert W 1801 S Queen St York PA 17403	OBG	HART, MD, Thomas M 5 Westwood Cr York PA 17402	FP
TESTA, MD, Joseph A McGee & 2nd St Jeannette PA 15644	FP	MAST, MD, Clarence M R D 3 Maynard Hill Tunkhannock PA 18657	FP	CARSON III, MD, John N York Hosp-Dept Nephrology York PA 17405	IM	FARRELL, MD, Mary A 1418 Grandview Dr Gallup NM 87301	FP	HARTMAN, MD, Charles E Rd 1 Box 1300 Spring Grove PA 17382	AN
THOMAS, MD, Harold W 1706 5th Ave Arnold PA 15068	FP	PISTORIUS, MD, Michael L 133 W Tioga St Tunkhannock PA 18657	FP	CARTER JR, MD, Joseph H 3015 Easton Blvd Bx 3511 York PA 17402	OBG	FINK, MD, John M 1778 S Queen St York PA 17402	FP	HAWK, MD, David L 118 N George St York PA 17401	FP
THOMAS, MD, James H Eastwood Pr Ct Pellis Rd Greensburg PA 15601	FP	RINEHIMER JR, MD, John S 57 Putnam St Tunkhannock PA 18657	IM	CHICOTE, MD, Alredo L 3 High St Manchester PA 17345	FP	FISHER, MD, Harold 955 S George St York PA 17403	IM	HEAPS, MD, Kenneth P 1 Rathon Rd York PA 17403	PD
TOMCI, MD, George E 316 W Vincent St Ligonier PA 15856	FP	RUSSELL, MD, Hollis K Leisure Village W Lakehurst NJ 08733	PTH	COHEN, MD, David L 1930 Security Dr York PA 17402	ORS	FISHER, MD, Lawrence C 8250 Clearview Rd Dover PA 17315	OPH	HENDLER, MD, Howard M 2172 Southbrook Dr York PA 17403	R
TORIO, MD, Reynolds M 599 N Church St Mt Pleasant PA 15666	ORS	SHELLY, MD, W Dayton Box 680 Tunkhannock PA 18657	GS	COHEN, MD, Milton H 174 M Dew Drop Rd York PA 17402	D	FISHER, MD, Roacoe L 813 Madison Ave York PA 17404	OPH	HERMAN, MD, Ronald J 1801 S Queen St York PA 17403	IM
TROUT, MD, John A 543 Monticello Dr Delmont PA 15626	IM	SHERWOOD, MD, Arthur W 133 W Tioga St Tunkhannock PA 18657	FP	CONKLIN, MD, William T 1001 S George St York PA 17405	GS	FISHER, MD, Roacoe L 813 Madison Ave York PA 17404	OPH	HERR, MD, John R R 1 Box 45 Sebastian FL 32958	OBG
URBAN, MD, Robert R R D 3 Belle Vernon PA 15012	FP	YORK		CONROY, MD, John J Apt 170 B Dew Drop Rd York PA 17402	PD	FLANDERS, MD, Elwood P 1575 Wayne Ave York PA 17403	FP	HEROLD, MD, Lewis C Box 308 Mount Wolf PA 17347	FP
VANDYK, MD, Klaas 600 Washington St Mt Pleasant PA 15666	GS	ALANDETE, MD, Alvaro 220 Potomac Ave Hanover PA 17331	PD	COPE, MD, Frederick T 422 S Main St Red Lion PA 17358	GS	FRIEDRICH, MD, Joachim H 2240 S Queen St York PA 17402	P	HEROLD, MD, Warren C Mount Wolf PA 17347	FP
VASUDEVAN, MD, Gopalan Medical Arts Building Greensburg PA 15601	IM	ALPERT, MD, Jeffrey R 87 Fox Run Dr York PA 17403	GS	COULTER, MD, Bonna B 89 Covington Dr Shrewsbury PA 17381	GS	FULTON, MD, William O Fulton Ave Stewartstown PA 17383	FP	HICKEY, MD, Andrew E 445 S Pleasant Ave Dallastown PA 17313	FP
VENZON, MD, Norman A Box 386 Harrison City PA 15836	OBG	ALTLAND, MD, Robert C 14 Water St Glen Rock PA 17327	GS	CRAIG, MD, Richard A 1399 S Queen St York PA 17403	AN	GABRIELE, MD, August A 200 Elmwood Blvd York PA 17403	FP	HILL, MD, Walter C 990 S Queen St York PA 17403	FP
VILLEGAS, MD, Emilio Irwin Prol Ctr Irwin PA 15642	FP	AMSBAUGH, MD, Glenn A 924 Colonial Ave York PA 17403	OTO	CROVATTO, MD, Arthur C 924 Colonial Ave York PA 17403	PS	GANDERSON, MD, Stephen B 249 Allegheny Ave Hanover PA 17331	OBG	HINTON III, MD, James H P O Box 673 Tripler Amc Hl 98859	FP
VIN, MD, Prakash K 206 S Chestnut St Derry PA 15627	IM	ANGELO, MD, John J 5 Rathon Rd York PA 17403	PS	DABB, MD, Richard W 5 Rathon Rd York PA 17403	FP	GARDNER, MD, George E 3110 5th Ave York PA 17402	GS	HOERNER, MD, George H 268 E Market St York PA 17403	FP
VITTONI, MD, Ronald B 1010 Ligonier St Latrobe PA 15650	OPH	ARDISON, MD, Gary W Rd 1 Dallastown PA 17313	FP	DANYO, MD, J Joseph 908 S George St York PA 17403	IM	GASOWSKI, MD, Gary L R D 3 Box 116 F Hanover PA 17331	FP	HOFF, MD, Henry B Rd 1 Wellsville PA 17385	FP
WALKER, MD, Enlow R 509 Lewis Ave Jeannette PA 15644	FP	ATKINS, MD, John L 625 S George St York PA 17403	P	DAVIS, MD, James H 3198 E Market St York PA 17402	ORS		R	HOFFMAN, MD, David J 924 B Colonial Ave York PA 17403	IM
		AZAR, MD, Albert A 140 Scarboro Dr York PA 17403						HOFFMAN, MD, Richard R 5920 Pinchtown Rd Dover PA 17315	R

HOFFMANN, MD, James W 221 Potomac Ave Hanover PA 17331	GS	KUSHNER JR, MD, George Warrington Green Fm Wellsville PA 17365	AN	MINNICH, MD, Philip H 893 Prospect St York PA 17403	FP	ROBINSON, MD, Richard F S Singer Rd New Freedom PA 17349	FP	TAYLOR, MD, Reymond A York Hosp York PA 17403	R
HOLLAND, MD, Edward F 540 S Main St Red Lion PA 17356	FP	KUSHNER, MD, Lois N Werrington Green Fems Wellsville PA 17365	R	MOLINARO JR, MD, Anthony D 2980 Round Hill Road York PA 17402	FP	ROSEBERRY, MD, Philip L 908 S George St York PA 17403	FP	TEGELER, MD, James A 800 Moffett Lane York PA 17403	IM
HOOVER II, MD, Benjamin A 924 B Colonial Ave York PA 17403	IM	LAMON, MD, Chertes P 1800 E Market St York PA 17402	FP	MONK, MD, John S 1776 S Queen St York PA 17403	OBG	ROTHROCK, MD, Gilmore M 924 Colonial Ave York PA 17403	GS	THORSEN JR, MD, William B 1224 S Queen St York PA 17403	IM
HOOVER, MD, Dean S 225 E Springettsbury Ave York PA 17403	FP	LAMPE 2ND, MD, William T 924 F Colonial Ave York PA 17403	IM	MOONEY, MD, Benjamin R 955 S George St York PA 17403	PD	RUTLAND, MD, Hedley E 1705 W Market St York PA 17404	FP	TORREY, MD, Edwin H 1776 S Queen St York PA 17403	OTO
HOOVER, MD, Philip A 23 W Main Dallastown PA 17313	IM	LANDIS, MD, Robert C 1820 S Queen St York PA 17403	PD	MORGAN JR, MD, William R 180 Irving Rd York PA 17403	FP	RYSCAVAGE, MD, Thomas S 1930 Security Dr York PA 17403	ORS	TRIMMER, MD, John H 912 S George St York PA 17403	FP
HOOVER, MD, Paul S 354 W Main St Windsor PA 17366	FP	LANGER, MD, D Morton 1800 E Market St York PA 17402	FP	MORREELS JR, MD, Charles L 924 Colonial Ave York PA 17403	R	SAMELSON, MD, Leo 1512 E Market St York PA 17403	IM	TULL, MD, John W 489 W Market St York PA 17404	OPH
HOPKINS, MD, Wallace E 234 E Main St Dallastown PA 17313	FP	LANGSTON, MD, William C 531 Roosevelt Ave York PA 17404	OBG	MULLIGAN, MD, James F 462 W Market St York PA 17404	FP	SANSTEAD, MD, John K 924 Colonial Ave York PA 17403	IM	UPDIKE JR, MD, Furman T 141 Edgewood Dr York PA 17403	PD
HORN III, MD, Frank W 2 Charles Center Hanover PA 17331	GS	LAPES, MD, George A 1600 South George St York PA 17403	FP	MYERS, MD, Gilbert B 3015 Eastrn Blvd Bx 3511 York PA 17402	OBG	SCHLAGER, MD, Charles E 810 Bonnevieu Rd York PA 17405	FP	VANBUSKIRK, MD, Charles 752 S George St York PA 17403	N
HOWARD, MD, Thos K 100 Penn St Hanover PA 17331	ORS	LAUCKS, MD, S Philip RD 1 Dallastown PA 17313	P	NEEF, MD, Thomas A 367 Hill-N-Dele Dr N York PA 17403	FP	SCHONAUER, MD, Thomas D 141 E Springettsbury Rd York PA 17403	PD	VANGIESEN, MD, Peter J 1888 Mt Zion Rd York PA 17402	ORS
HUDSON, MD, Clifford C 2200 S George St Ste #E York PA 17403	IM	LEBOUITZ, MD, Stenton S 195 Leaders Hgts Rd York PA 17402	D	NICHOLAS, MD, Bradley E 1013 N George St York PA 17404	FP	SCHUMACHER, MD, L Richard York Hosp Dept Of Med Af York PA 17405	IM	VANSANT, MD, Alan E 1001 S George St York PA 17405	PM
HUFFER, MD, Donald H 804 S George St York PA 17403	IM	LEKAWA, MD, Theddeus 2801 N George St York PA 17402	FP	NICHOLAS, MD, James L 274 W Market St Hellems PA 17336	FP	SCHWARTZ, MD, Bredford B 1399 S Queen St York PA 17403	U	VIRGLIO, MD, Lawrence A York Hosp Pth Dept York PA 17405	PTH
HUNT, MD, Josiah A Main St Delte PA 17314	FP	LEPPERD, MD, Floyd C Querters 3 Prescott AZ 88313	US	NICHOLS, MD, Trent W 281 Frederick St Hanover PA 17331	IM	SEITZ, MD, Nevin H 223 Broadway Hanover PA 17331	FP	WAMPLER, MD, Merle J 472 Country Club Rd York PA 17403	IM
HUTTON, MD, John E 232 Baltimore St Hanover PA 17331	OPH	LERMAN, MD, Leo R 1225 E Market St York PA 17403	D	NICHOLSON JR, MD, Welter J 2270 Dandridge Dr York PA 17403	IM	SHAUB, MD, Paul D S Main St Shrewsbury PA 17361	FP	WEAVER, MD, Frenk M 950 Summit Circle No. York PA 17403	GS
JACKSON, MD, Jey R 1399 S Queen St York PA 17403	OBG	LETOCHA, MD, Charles E 1946 Security Dr York PA 17402	OPH	OCHENRIDER, MD, Paul D 424 Locust St Wrightsville PA 17368	FP	SHEARER, MD, David M RD 2 Box 312 York PA 17403	IM	WEINER, MD, Fredric R 120 Scerboro Dr York PA 17403	FP
JOHNSON, MD, George M 3470 Herrowgate Rd York PA 17402	OBG	LEVY, MD, Sydney 424 Hellem St Wrightsville PA 17368	FP	OLSON, MD, Janne R Webb Lane Fewn Grove PA 17321	FP	SHOEMAKER, MD, Norville E 2471 S Queen St York PA 17402	FP	WEISHAAR, MD, Leo G Fulton Sch Rd Rd 2 Felton PA 17322	FP
JONES, MD, David J Penne Blue Shield Camp Hill PA 17011	PRM	LIS, MD, Edward T 1778 S Queen St York PA 17403	FP	OWENS, MD, John D 1001 S George St York PA 17405	PTH	SHUE, MD, William M 588 Fairview Terr York PA 17403	GS	WHITELEY, MD, John P 1118 Detwiler Dr York PA 17404	PTH
KEECH JR, MD, Hayden G 1589 Cerlisle Ave York PA 17404	FP	LITRENTA, MD, David E Cerlisle Rd Dover PA 17315	FP	PANDELIDIS, MD, Pendelis K 1507 Sleepy Hollow Rd York PA 17403	P	SILVERMAN, MD, Robert B York Hospitel York PA 17403	PTH	WIBLE, MD, Cleire E 1776 S Queen St York PA 17403	OPH
KEEPORTS, MD, Richard L Rd 2 Box 142-1 New Freedom PA 17349	IM	LUDWIG, MD, Jacob S 2200 S George St York PA 17403	D	PATANSIRI, MD, Churdchai 752 S George St York PA 17403	N	SIMON, MD, Nicles V York Hospitel York PA 17405	OBG	WILDBLOOD, MD, Harry M 1380 Arlington Rd York PA 17403	AN
KEHM, MD, Ray W Rd 3 York PA 17402	GS	LYND JR, MD, Clifford W Brockie Med Ctr York PA 17403	GS	PAUL, MD, James P 200 Pauline Dr York PA 17402	FP	SMALL, MD, Richard E 1112 Penne Ave York PA 17404	FP	WILSON, MD, Ray A Susq Med Clin E Prospect PA 17317	FP
KEHM, MD, Vincent A 107 S Keesey St York PA 17402	AN	LYON, MD, William R 1112 Wyndhem Drive York PA 17403	FP	PAUL, MD, Roneld L 5550 Nursery Rd Dover PA 17315	NS	SMITH, MD, John M Po Box 100 Jacobus PA 17407	FP	WILT, MD, Kenneth E 1776 S Queen St York PA 17403	GS
KENNEDY, MD, Peter S 924 Colonial Ave York PA 17403	FP	MACDOUGALL, MD, Howard H 1207 S Queen St York PA 17403	FP	PETER, MD, Mohen 1776 S Queen St York PA 17403	TS	SMITH, MD, James W 1399 S Queen St York PA 17403	OBG	WINER, MD, Leonerd D 5340 Pocusset St Pittsburgh PA 15217	FP
KEPHART, MD, Fred W 1001 S George St York PA 17405	IM	MACDOUGALL, MD, Robert D 1207 S Queen St York PA 17403	FP	PFEFFER, MD, William H 815 S George St York PA 17403	U	SMOLKO, MD, James R 545 Gatehouse La York PA 17402	AN	WIRE, MD, Wilbur H 186 N Main St Spring Grove PA 17362	FP
KIRBY, MD, James E 1 Rathion Rd York PA 17403	PD	MACKENZIE, MD, Iain L 1399 S Queen St York PA 17403	IM	PIPER, MD, Donald E S Pleesent Ave Ext Dallastown PA 17313	FP	SNOW, MD, Jon F 527 Madison Ave Apt 2 York PA 17404	US	WITHERS, MD, Donald E 401 Allegheny Ave Hanover PA 17331	FP
KIRKPATRICK, MD, Samuel A 249 Allegheny Ave Hanover PA 17331	OBG	MAGID, MD, Werren P 1399 S Queen St York PA 17403	AN	PODBOY, MD, August J 912 S George St York PA 17403	OPH	SNYDER, MD, Henry R 2050 Normandie Dr York PA 17404	R	WOERTHWEIN, MD, Kenneth F 462 W Market St York PA 17404	FP
KISTLER, MD, Gelen H 1250 Gerrison Rd York PA 17404	FP	MALINA, MD, Steven 827 S George St York PA 17403	NS	PRATT, MD, Jorden C 2340 Eastern Blvd York PA 17402	OPH	SOCRATES, MD, Jesus F Hanover Gen Hosp Pth Dpt Hanover PA 17331	PTH	WONG, MD, Ming-Der 140 Baldsmere Dr York PA 17403	IM
KLIMES, MD, Roneld L 3233 Eastern Blvd York PA 17402	FP	MANZELLA, MD, John P York Hospitel York PA 17402	IM	PRENDERGAST, MD, Micheel J 924 Colonial Ave York PA 17403	GS	SPRAGUE, MD, Grover J Caterpillar Tractor Co York PA 17405	IM	WOODS, MD, Anne M 332 W Newton Ave York PA 17404	FP
KLINE, MD, Jack A 190 Edgewood Dr York PA 17403	IM	MARTIN, MD, C Edwin York Hospital York PA 17403	IM	RANKIN, MD, Thomes V 1601 S Queen St York PA 17403	NS	STICK, MD, Edward W Berley S Nursing Home York PA 17402	FP	WOODSIDE, MD, John A East Prospect PA 17317	FP
KNOCH, MD, H Roebing 423 W Market St York PA 17404	IM	MATHAI, MD, John 1776 S Queen St York PA 17403	GS	REIGART, MD, Paul M 636 E Philadelphia St York PA 17403	FP	STICK, MD, W Deheven 817 S George St York PA 17403	GS	WRIGHT, MD, F Malcolm 221 Potomac Ave Hanover PA 17331	GS
KOUSEN, MD, Morton 2840 Forrest Ln York PA 17402	OBG	MCCONVILLE, MD, John H 1001 S George St York PA 17405	IM	REILLY, MD, Charles M York Hosp 1001 S George York PA 17403	PD	STOUFFER JR, MD, Vance R RD 2 Box 2300 Certrel Eiters PA 17319	FP	YOHE, MD, William C 1399 S Queen St York PA 17403	IM
KRAUS, MD, Richard E 1001 S George St York PA 17403	R	MCHENRY, MD, Dearmond J 940 S Queen St York PA 17403	OPH	REINHARD, MD, Roneld J 800 S George St York PA 17403	IM	STROCKBINE, MD, Melvin F York Hosp York PA 17405	R	ZARFOS, MD, Morgen L 731 S Queen St York PA 17403	IM
KRESGE, MD, Dele L 30 Fox Run Dr York PA 17403	IM	MCLIN, MD, Leon N 321 Baltimore St Hanover PA 17331	FP	RINKER, MD, R James 100 Penn St Hanover PA 17331	ORS	SWEENEY, DO, Thomes F 2205 E Market St York PA 17402	IM	ZELESNICK, MD, Gebriel 220 Frederick St Hanover PA 17331	FP
KRUPER, MD, John S 908 S George St York PA 17403	ORS	MENCHEY, MD, Milton J 924 B Colonial Ave York PA 17403	IM	RIVERA, MD, Edwin A 518 Madison Ave York PA 17404	OPH	TANANIS, MD, Anthony A 343 North St Mc Sherrystown PA 17344	FP	ZEMO, MD, Peter L 924 E Colonial Ave York PA 17403	OTO
KUKRIKA, MD, Miodrag D 9 Rethion Rd York PA 17403	IM	MILLER, MD, James R 401 Allegheny Ave Hanover PA 17331	FP	ROBINSON, MD, Leslie E 1001 S George St York PA 17403	OBG	TART JR, MD, Breston I 924 N Colonial Ave York PA 17403	R		

A									
AARONS, MD, Jerome H	Allegheny	ALDAY, MD, Edgardo S	Philadelphia	ANDERSON, MD, Herbert H	Allegheny	ASCANIO, MD, Guido	Dalaware		
AARONSON, MD, Herbert G	Montgomery	ALDEN, MD, James C	Montgomery	ANDERSON, MD, John B	Berks	ASEEM, MD, Wali M	Jefferson		
ABAD, MD, Raul M	Northampton	ALDERFER, MD, Arthur J	Bucks	ANDERSON, MD, Joseph B	Allegheny	ASH, MD, S Russell	Montgomery		
ABALOS, MD, Jose M	Greene	ALDERFER, MD, Gill R	Delaware	ANDERSON, MD, Julius H	Dauphin	ASHBAUGH, MD, William H	Butler		
ABBOTT, MD, Albert J	Luzerna	ALDERFER, MD, Kenneth G	Delaware	ANDERSON, MD, John R	Northampton	ASHBY, MD, John D	Franklin		
ABBOTT, MD, Josaph L	Chester	ALDISERT, MD, Caesar O	Allegheny	ANDERSON, MD, Richard E	Allegheny	ASHMAN, MD, George S	Cambria		
ABDOLLAHIAN, MD, Javad	Philadelphia	ALEXANDER JR, MD, John D	Philadelphia	ANDERSON, MD, Russell S	Erie	ASHMAN, MD, Philip	Cambria		
ABELLA, MD, Romao S	Delaware	ALEXANDER, MD, Charles M	Delaware	ANDERSON, MD, Victor C	Schuylkill	ASHMEAD, MD, Graham G	Allegheny		
ABER, MD, John M	Westmoreland	ALEXANDER, MD, Fred	Allegheny	ANDERSON, MD, Victor S	Allegheny	ASHWORTH, MD, Halbert E	Berks		
ABER, MD, Robert C	Dauphin	ALEXANDER, MD, Gilbert H	Chester	ANDERSON, MD, William C	Venango	ASKAR, MD, F	Philadelphia		
ABERNATHY, MD, Ernest L	Washington	ALEXANDER, MD, John D	Allegheny	ANDERSON, MD, William L	Allegheny	ASKIN, MD, Ralph J	Allegheny		
ABERNETHY, MD, Hugh C	Chester	ALEXANDER, MD, Michael A	Allegheny	ANDERSON, MD, William M	Dauphin	ASKIN, MD, Stanley R	Centre		
ABIR, MD, Isaac	Bucks	ALEXANDER, MD, Maurice H	Philadelphia	ANDOLINA, MD, Stephen	Fayette	ASLAM, MD, Azar	Crawford		
ABLAZA, MD, Saniel G	Philadelphia	ALEXANDER, MD, Raymond S	Lehigh	ANDRE, MD, Robert S	Philadelphia	ASLAM, MD, Mohammed	Schuylkill		
ABOOSI, MD, Ali J	Westmoreland	ALEXANDER, MD, R William	Berks	ANDREOZZI, MD, Robert J	Lebanon	ASNANI, MD, Mithlesh G	Lehigh		
ABOULEISH, MD, Ezzat I	Allegheny	ALEXANDERIAN, MD, Harry A	Luzerne	ANDREWS, MD, A Thomas	Dauphin	ASO, MD, Orlando A	Carbon		
ABRAHAM, DO, Ronald	Allegheny	ALEXANDRE, MD, Journal	Montgomery	ANDREWS, MD, Percy J	Dauphin	ASPEN, MD, Nelson P	Chester		
ABRAHAM, DO, Ronald	Philadelphia	ALFIERI, MD, Joseph A	Elk-Cameron	ANDREWS, MD, Peter J	Luzerne	ASPIOTE, MD, John G	Allegheny		
ABRAHAM, MD, Hans A	Philadelphia	ALGAZY, MD, Kenneth M	Philadelphia	ANDREWS, MD, Paul J	Luzerne	ASSANASEN, MD, Banja V	Westmoreland		
ABRAHAMS, MD, Jonathan I	Cambria	ALI, MD, Abu N	Westmoreland	ANDREWS, MD, Robert J	Philadelphia	ASSANASEN, MD, Charin	Westmoreland		
ABRAMS, MD, Albert D	Lehigh	ALI, MD, Mohammad I	Lawrence	ANDREWS, MD, Raymond W	Mercer	ASSAR, MD, Suda P	Allegheny		
ABRAMS, MD, Frank	Allegheny	ALIKAKOS, MD, Louis C	Delaware	ANDRIES, MD, Raymond M	Montgomery	ATHANI, MD, Vijay S	Allegheny		
ABRAMS, MD, Sondra	Chester	ALIMARIO, MD, Terasita E	Armstrong	ANDRIOLE, MD, Gerald L	Luzerne	ATKIN, MD, David H	Allegheny		
ABRAMS, MD, William B	Philadelphia	ALISUAG, MD, Restituto M	Philadelphia	ANDRIOLE, MD, Joseph P	Lackawanna	ATKINS JR, MD, Joseph P	Philadelphia		
ABRAMSON, MD, Edwin B	Philadelphia	ALKHATIB, MD, Ahmed M	Cambria	ANDROS, MD, George J	Philadelphia	ATKINS, MD, John L	York		
ABRAMSON, MD, John	Delaware	ALLAN, MD, Mary B	Chester	ANDROSKI, MD, John J	Lackawanna	ATKINSON, MD, John M	Wayne-Pike		
ABRAMSON, MD, Maurice	Philadelphia	ALLANIGUE, MD, Rogelio M	Erie	ANDRUCZYK, DO, Eugene	Philadelphia	ATKINSON, MD, Nolan N	Montgomery		
ABRANTES, MD, F Jorge	Luzerne	ALLCOCK, MD, Jenniler A	Philadelphia	ANGELO, MD, John J	York	ATKINSON, MD, Whittier C	Chester		
ABRUTYN, MD, Elias	Dauphin	ALLEN JR, MD, Herbert V	Cambria	ANGERT, DO, Marjorie A	Philadelphia	ATLEE, MD, William A	Lancaster		
ABT, MD, Arthur B	Allegheny	ALLEN JR, MD, Samuel D	Delaware	ANGLE, MD, William D	Lycoming	ATWELL, DO, Grant E	Somerset		
ABUL-ELA, MD, Ahmad E	Lawrence	ALLEN, MD, Chris M	Allegheny	ANGLES, MD, Carmen	Philadelphia	ATWELL II, DO, Grant E	Somerset		
ABUL-FADL, MD, Yahya	Susquehanna	ALLEN, MD, Dennis	Montgomery	ANGSTADT JR, MD, Paul N	Allegheny	ATWELL, MD, Robert B	Allegheny		
ABURANO, MD, Akio	Luzerne	ALLEN, MD, Gregg P	Franklin	ANGULO, MD, Armand J	Franklin	AU, MD, Francis C	Philadelphia		
ACETO, MD, Joseph N	Erie	ALLEN, MD, Hugh L	Montour	ANGUS, MD, Laslia R	Dauphin	AUCH, MD, Ella M	Northampton		
ACKERMAN, DO, Mark	Philadelphia	ALLEN, MD, Harold Y	Dauphin	ANKER, MD, Peter M	Delaware	AUDAY, MD, Jose H	Philadelphia		
ACOSTA-MELENDEZ, MD, Antonio E	Westmoreland	ALLEN, MD, Richard	Dauphin	ANNESLEY JR, MD, William H	Philadelphia	AUER, MD, Edward T	Philadelphia		
ADAIR, MD, Norman E	Eria	ALLEN, MD, Robert E	Northumberland	ANNO JR, MD, Walter T	Philadelphia	AUERBACH, DO, Robert S	Philadelphia		
ADALJA, MD, Ashok N	Butler	ALLEN, MD, Robert L	Bradford	ANO, MD, Antonio C	Philadelphia	AUERBACH, MD, Herman L	Luzerne		
ADAM, MD, Alberto L	Philadelphia	ALLEN, MD, Robert W	Mercer	ANOLIK, MD, Mitchell A	Philadelphia	AUERBACH, MD, Paul S	Delaware		
ADAMS, MD, Anne K	Blair	ALLEN, MD, Robert W	Berks	ANOLIK, MD, Robert	Montgomery	AUGHINBAUGH, MD, Thomas H	Clearfield		
ADAMS, MD, David J	Allegheny	ALLEN, MD, Thomas E	Allegheny	ANSARI, MD, Soukath	Bucks	AUGSBURGER, MD, James J	Philadelphia		
ADAMS, MD, David J	Montgomery	ALLEY, MD, Ali A	Columbia	ANSEL, MD, David G	Philadelphia	AUGUST, MD, Deborah L	Philadelphia		
ADAMS, MD, D Leslie	Dauphin	ALLEY, MD, Albert A	Lebanon	ANSELM, MD, Lenning A	Luzerne	AURAND, MD, Eleanor M	Mifflin-Juniata		
ADAMS, MD, Lynn I	Franklin	ALLEY, MD, Richard A	Luzerne	ANSON, MD, Peter M	Lahigh	AURANDT, MD, Henry N	Berks		
ADAMS, MD, Laurence J	Lancaster	ALLEY, MD, Samie A	Berks	ANTALIK, MD, Paul E	Allegheny	AURE, MD, Horacio S	Allegheny		
ADAMS, MD, Powell E	Philadelphia	ALLISON JR, MD, A Reid	Centre	ANTEMANN, MD, Richard W	Cambria	AURE, MD, Isabel R	Allegheny		
ADAMS, MD, William L	Montgomery	ALLISON, MD, James H	Adams	ANTENSON, MD, Charles M	Philadelphia	AURITT, MD, William A	Philadelphia		
ADAMS, MD, William R	Clinton	ALLISON, MD, Wesley C	Allegheny	ANTHONY JR, MD, John J	Allegheny	AUSLANDER, MD, James L	Allegheny		
ADAMSON, MD, William C	Montgomery	ALLMAN, MD, John H	Armstrong	ANTHONY, MD, John A	Montgomery	AUSTIN, MD, Edward M	Allegheny		
ADAMTHWAITE, MD, Myra E	Chester	ALLMAN, MD, Richard L	Lehigh	ANTICO, MD, Dominic A	Beaver	AUSTIN, MD, George L	Westmoreland		
ADATEPE, MD, Mustata H	Allegheny	ALLYN, MD, Russell E	Dauphin	ANTKOWIAK, MD, Joseph G	Allegheny	AUSTIN, MD, Michael	Berks		
ADELIZZI, MD, I Richard	Philadelphia	ALLMALLAH, MD, Ahmad Y	Westmoreland	ANTKOWIAK, MD, Thomas L	Venango	AUSTRIAN, MD, Robert C	Philadelphia		
ADELMAN, MD, Bernard P	Philadelphia	ALLMALLAH, MD, Shadiya	Westmoreland	ANTOGNOLI, MD, William J	Lackawanna	AVANCENA, MD, Edgardo P	Montgomery		
ADELMAN, MD, Frederick P	Philadelphia	ALMAMIA, MD, Hermenegildo H	Union	ANTON, MD, Americo B	Blair	AVELLA, MD, Bernard N	Berks		
ADHAI, MD, Azzam	Allegheny	ALMASHAT, MD, Ala A	Columbia	ANTONIADES, MD, John	Philadelphia	AVELLINO, MD, Joseph D	Philadelphia		
ADKINS, MD, John C	Allegheny	ALMAZAN, MD, Antonio C	Lehigh	ANTONIADES, MD, Kristina E	Delaware	AVENIA, MD, Ronald J	Columbia		
ADKINS, MD, William C	Erie	ALMOUIST, MD, John F	Erie	ANTOON, DO, Michael S	Erie	AVERSA JR, MD, Zeffirino A	Philadelphia		
ADLER, DO, Donald J	Bucks	ALOSI, MD, Anthony J	Westmoreland	ANTOON JR, MD, Saleem J	Philadelphia	AVERSA, MD, Nicholas	Philadelphia		
ADLER, MD, Alan G	Philadelphia	ALPERN, MD, Algernon N	Allegheny	ANTOS, MD, Thomas J	Allegheny	AVNER, MD, David L	Greene		
ADLER, MD, Francis H	Philadelphia	ALPERS, MD, Bernard J	Luzerne	ANZALONE, MD, Angelo A	Luzerne	AWAD, MD, Latif L	Montour		
ADLER, MD, Herbert M	Montgomery	ALPERT, MD, Jeffrey R	York	AOUN, MD, Kamal H	Venango	AXELMAN, MD, Edward L	Delaware		
ADLER, MD, Jon S	Washington	ALPERT, MD, Richard E	Montgomery	APFELBAUM, MD, Jay H	Northampton	AXELROD, MD, Budd B	Philadelphia		
ADLER, MD, Lawrence N	Allegheny	ALPONAT, MD, Orhan S	Westmoreland	APOSTOLIDIS, MD, Panayotis	Philadelphia	AXELROD, MD, Rita S	Philadelphia		
ADLER, MD, Moshe	Jefferson	ALTAKER, MD, Lawrence L	Dauphin	APPEL JR, MD, Charles R	Lancaster	AXELSON, MD, Alan A	Allegheny		
ADLER, MD, Richard	Philadelphia	ALTER, MD, Milton	Philadelphia	APPEL, MD, John W	Philadelphia	AYE, MD, J Thomas	Mercer		
ADLIN, MD, Albert	Philadelphia	ALTHOUSE JR, MD, Lemuel B	Dauphin	APPEL, MD, James Z	Lancaster	AYELLA JR, MD, Allred S	Philadelphia		
ADONI, MD, Leon	Philadelphia	ALTIMARE, MD, Peter J	Bucks	APPLESTEIN, MD, Bruce	Bucks	AYERLE, MD, Robert S	Philadelphia		
ADRID, MD, Augusto S	Bucks	ALTAND, MD, Robert C	Allegheny	APTON, MD, Jeffrey H	Allegheny	AYERS, MD, Cynthia G	Allegheny		
ADYINQUILA, MD, Rivalito B	Clinton	ALTMAN JR, MD, Richard S	Lancaster	AQUILINO, MD, James F	Erie	AYERS, MD, Lloyd R	Blair		
AGERTY, MD, Horst A	Philadelphia	ALTMAN, MD, Brian D	Montgomery	ARANGIO, MD, George A	Lahigh	AYRES, MD, John A	Blair		
AGNEW, MD, Edward A	Berks	ALTMAN, MD, Cynthia B	Philadelphia	ARANO, MD, Leonardo V	Montgomery	AYRES, MD, William W	Fayette		
AGNONE, MD, Peter M	Lackawanna	ALTMAN, MD, Charles C	Allegheny	ARAYA, MD, Cleto U	Allegheny	AYUYANG, MD, Herminia O	Allegheny		
AGOURIDIS, MD, Nicholas T	Berks	ALTMAN, MD, Louis	Allegheny	ARBITMAN, MD, Michael	Beaver	AZAR, MD, Albert A	York		
AGRA, MD, Conrado F	Centre	ALTMAN, MD, Sidney I	Montgomery	ARBOGAST JR, MD, John W	Union	AZAR, MD, Reza R	Philadelphia		
AGRAWAL, MD, Radeshyam M	Allegheny	ALTMAN, MD, Wanda T	Allegheny	ARBOGAST SR, MD, John W	Union	AZARVA, MD, Harvey L	Philadelphia		
AGRO, MD, Angelo S	Philadelphia	ALTOBELLI, MD, John A	Lehigh	ARCH JR, MD, Francis J	Allegheny	AZER, MD, Magdi S	Cambria		
AGSTER, MD, Bruce E	Lehigh	ALTOBELLI, MD, Joseph F	Montgomery	ARCILLA, MD, Jaime D	Bucks	AZIZKHAN, MD, Reza G	Dauphin		
AGUILA JR, MD, Demetrio J	Montour	ALVARADO, MD, Alfredo	Philadelphia	ARD, MD, Robert S	Allegheny				
AGUILAR, MD, Alejandro F	Allegheny	ALVEAR, MD, Domingo T	Dauphin	ARDEN, MD, Sidney H	Philadelphia				
AGUILERA, MD, Amelia G	Cambria	ALVEAR, MD, Veneranda B	Dauphin	ARDISON, MD, Gary W	York				
AGUILERA, MD, Bonitacio T	Cambria	ALVIN, MD, Guirino W	Allegheny	ARDIZONE, MD, Rohlo A	Bucks				
AGUSTA, MD, Victor E	Lancaster	AMACHER, MD, Howard C	Erie	ARENA, MD, Sebastian	Allegheny				
AHDIEH, MD, Jalal	Philadelphia	AMADIO, DO, Angelo E	Clarion	ARENSEN, MD, Juan J	Allegheny				
AHLFELDT, MD, Florence E	Philadelphia	AMADIO JR, MD, Peter	Philadelphia	AREZA, MD, Pablo R	Fayette				
AHMAD, MD, Usman	Allegheny	AMADIO, MD, Julio J	Montgomery	ARGER, MD, Peter H	Philadelphia				
AHMED, MD, Adiba S	Allegheny	AMARO, MD, Mario	Lancaster	ARGIRE, MD, James P	Allegheny				
AHMED, MD, Galal M	Lycoming	AMBRAD, MD, Antonio J	Allegheny	ARGUEDO, MD, Victor A	Allegheny				
AHMED, MD, Niaz	Warren	AMBROSE, MD, C Huber	Westmoreland	ARKLESS, MD, Henry A	Philadelphia				
AHMED, MD, Ouzi M	Allegheny	AMBROSE, MD, David N	Potter	ARMANIOUS, MD, Adel W	Westmoreland				
AHUJA, MD, Suman	Allegheny	AMBROSE, MD, Julius W	Allegheny	ARMAO, MD, Joseph J	Delaware				
AHUJA, MD, Subash C	Westmoreland	AMBRUS, MD, Clara M	Philadelphia	ARMEN, MD, Robert N	Allegheny				
AICHER, MD, D Craig	Luzerne	AMBRUS, MD, Julian L	Philadelphia	ARMENTO, MD, Donald F	Allegheny				
AIGNER, MD, William J	Blair	AMBRUSO, MD, Victor T	Luzerne	ARMEY, MD, Mary C	Allegheny				
AIKEN, MD, Lucille B	Allegheny	AMEND, MD, Thomas C	Lancaster	ARMFIELD III, MD, Samuel L	Allegheny				
AIMETTE, MD, Alexander A	Bucks	AMENTLER, MD, John P	Luzerne	ARMITAGE, MD, Harry V	Delaware				
AITA, MD, Paul C	Berks	AMIDON, MD, Charles S	Montgomery	ARMOUR, MD, William S	Philadelphia				
AKBAR, MD, Mohammad M	Schuylkill	AMIN, MD, Bipin R	Montgomery	ARMSTRONG, MD, B Irene	Elk-Cameron				
AKBARI, MD, Saeed	Bucks	AMMER, MD, John L	Allegheny	ARMSTRONG, MD, Schuyler S	Delaware				
AKROUT, MD, Hatedh	Philadelphia	AMRHEIN, MD, Regis A	Allegheny	ARMSTRONG, MD, Thomas S	Cumberland				
AKSU, MD, Ahmet	Northampton	AMRITT, MD, R Sidney	Philadelphia	ARMSTRONG, MD, William J	Butler				
ALAGIRISWAMI, MD, Krishnaswami	Columbia	AMROD, MD, George J	Philadelphia	ARNAO, MD, James	Philadelphia				
ALANDETE, MD, Alvaro	York	AMSBAUGH, MD, Glenn A	York	ARNETT, MD, John H	Philadelphia				
ALARCON, MD, J Edgar	Chester	AMSHL, MD, Albert L	Allegheny	ARNHEIM, MD, Falk K	Allegheny				
ALBERICO, MD, Anthony M	Philadelphia	AMSLER JR, MD, Fred R	Lycoming	ARNO, MD, Irvin C	Philadelphia				
ALBERSTADT, MD, Norbart F	Erie	AMSTER, DO, Norman H	Montgomery	ARNOLD, MD, Gordon C	Dauphin				
ALBERT II, MD, John D	Erie	AMSTERDAM, MD, Gerald H	Philadelphia	ARNOLD, MD, George L	Allegheny				
ALBERT, MD, Lawrence	Philadelphia	AMSTERDAM, MD, Jules	Philadelphia	ARNOLD, MD, John J	Clearfield				
ALBERT, MD, Seymour M	Montour	AMUSO, MD, Samuel J	Dauphin	ARONICA, MD, Michael J	Lackawanna				
ALBERTINI, MD, Robert E	Montour	ANASTASI, MD, Joseph D	Philadelphia	ARONSON, MD, Jerold M	Philadelphia				
ALBERTS, MD, Melvin C	Washington	ANDAL, MD, Andres H	Montgomery	ARONSON, MD, Morton L	Allegheny				
ALBERTS, MD, Nancy K	Beaver	ANDERKO, MD, Frank T	Lehigh	ARONSTAM, MD, Robert H	Bradford				
ALBERTSON, MD, Richard P	Montgomery	ANDERSON 3RD, MD, John D	Montgomery	ARORA, MD, Ramesh	Cumberland				
ALBO, MD, Vincent C	Allegheny	ANDERSON JR, MD, William H	Erie	ARORA, MD, Sat P	Delaware				
ALBRECHT, MD, James B	Lancaster	ANDERSON, MD, Arlo C	Montgomery	AROUH, MD, Albert	Delaware				
ALBRIGHT 3RD, MD, William J	Dauphin	ANDERSON, MD, Alice M	Philadelphia	ARST, MD, Edwin D	Delaware				
ALBRIGHT, MD, Gerald S	Lancaster	ANDERSON, MD, Carolyn H	Allegheny	ARTABANE, MD, Thomas A	Lackawanna				
ALBURGER, MD, Philip D	Philadelphia	ANDERSON, MD, Claus L	Allegheny	ARTHUR JR, MD, Joseph N	Allegheny				
ALCANTARA, MD, Vicanta A	Washington	ANDERSON, MD, Edwin R	Warran	ARTHURJAH, MD, K	Adams				
ALCARO, MD, Joseph F	Adams	ANDERSON, MD, Gordon P	Erie	ASBELL, MD, Sucha O	Philadelphia				

B									
BAADE, MD, Ernest A	Mifflin-Juniata								
BABACZ, MD, Teofil	Chester								
BABCOCK, MD, John R	Centre								
BABIN, MD, Roman A	Elk-Cameron								
BABU, MD, Vallabhaneni S	Allegheny								
BACAK, MD, Joseph F	Northampton								
BACASTOW, MD, Merle S	York								
BACESKI, MD, Deborah A	Somerset								
BACH, MD, William G	Beaver								
BACHARACH, MD, Benjamin	Philadelphia								
BACHARACH, MD, Herbert J	Clearfield								
BACHMAN, MD, William H	Tioga								
BACHMANN, MD, Lawrance C	Allegheny								
BACKENSTOE, MD, Gerald S	Lehigh								
BACKENSTOSE, MD, Daniel L	Dauphin								
BACKES, MD, Celso L	Potter								
BACKUP, MD, Clifford E	Philadelphia								
BACON, MD, Ralph D	Erie								
BACON, MD, Richard W	Lancaster								
BADAWI, MD, Radwan A	Lackawanna								
BADIALI, MD, S Charles	Washington								
BADOLATO, MD, David J	Montgomery								
BAER, MD, David G	Allegheny								
BAER, MD, George	Philadelphia								
BAER, MD, Samuel	Philadelphia								
BAERTL, MD, Juan M	York								
BAGLIO, MD, Corrado M	Beaver								
BAHL, MD, Mohndar M	Allegheny								
BAHL, MD, Vijay K	Allegheny								
BAHNMILLER, MD, Edwin C	Luzerne								
BAHNSON, MD, David H	Allegheny								
BAHNSON, MD, Henry T	Allegheny								
BAIL, MD, Harry	Philadelphia								

B

BAADE, MD, Ernest A	Mifflin-Juniata
BABACZ, MD, Teofil	Chester
BABCOCK, MD, John R	Centre
BABIN, MD, Roman A	Elk-Cameron
BABU, MD, Vallabhaneni S	Allegheny
BACAK, MD, Joseph F	Northampton
BACASTOW, MD, Merle S	York
BACESKI, MD, Deborah A	Somerset
BACH, MD, William G	Beaver
BACHARACH, MD, Benjamin	Philadelphia
BACHARACH, MD, Herbert J	Clearfield
BACHMAN, MD, William H	Tioga
BACHMANN, MD, Lawrence C	Allegheny
BACKENSTOE, MD, Gerald S	Lehigh
BACKENSTOSE, MD, Daniel L	Dauphin
BACKES, MD, Celso L	Potter
BACKUP, MD, Clifford E	Philadelphia
BACON, MD, Ralph D	Erie
BACON, MD, Richard W	Lancaster
BADAWI, MD, Radwan A	Lackawanna
BADIALI, MD, S Charles	Washington
BADOLATO, MD, David J	Montgomery
BAER, MD, David G	Allegheny
BAER, MD, George	Philadelphia
BAER, MD, Samuel	Philadelphia
BAERTL, MD, Juan M	York
BAGLIO, MD, Corrado M	Beaver
BAHL, MD, Mohinder M	Allegheny
BAHL, MD, Vijay K	Allegheny
BAHNMILLER, MD, Edwin C	Luzerne
BAHNSON, MD, David H	Allegheny
BAHNSON, MD, Henry T	Allegheny
BAIL, MD, Harry	Philadelphia
BAILEY JR, MD, John H	Crawford
BAILEY, MD, Nelson J	Mercer
BAILEY, MD, Stephen R	Allegheny
BAILEY, MD, William R	Allegheny
BAIR, MD, Charles W	Lancaster

BAIR, MD, Robert C	Tioge	BARD, MD, Joseph L	Montgomery	BAUMAN, MD, Thomas W	Lawrence	BELMONT, MD, Frank A	Perry
BAIR, MD, Victor W	Washington	BARDEN, MD, Robert P	Philadelphia	BAUMANN, MD, Brenda K	Centra	BELMONT, MD, Herman S	Philadelphia
BAIR, MD, William L	Allegheny	BARDONNER, MD, John N	Allegheny	BAUMANN, MD, Frieda	Philadelphia	BELMONT, MD, Owen	Philadelphia
BAIRD, MD, James W	Philadelphia	BARDZIL, MD, Joseph W	Washington	BAUMANN, MD, Thomas L	Cleefield	BELOFF, MD, Louis	Philadelphia
BAIRD, MD, Robert J	Lancaster	BARENBAUM, MD, Daniel H	Philadelphia	BAUMGARTEL, MD, Ira E	Allegheny	BELTZ, MD, William R	Lycoming
BAIRD, MD, Robert M	Monroe	BARENBERG, MD, Paul A	Chester	BAUSCH JR, MD, Frederick R	Lehigh	BEMILLER, MD, Carl R	Schuylkill
BAIRD, MD, William F	Greene	BARILLA, MD, Donald E	Lehigh	BAUSCH, MD, Richard D	Lehigh	BENACK, MD, Carl A	Allegheny
BAISAS, MD, Roger C	Bucks	BARKER, MD, Clyde F	Philadelphia	BAUTISTA, MD, Florento G	Carbon	BENDER JR, MD, Frank C	Delaware
BAJANA, MD, Sham R	Philadelphia	BARKER, MD, Richard G	Philadelphia	BAUTISTA, MD, Primo V	Allegheny	BENDER, MD, Joseph	Montgomery
BAJOREK, MD, Edward J	Eria	BARKER, MD, Warren J	Allegheny	BAUZON, MD, Narciso C	Schuylkill	BENDER, MD, Richard J	Allegheny
BAJWA, MD, Surinder S	Westmoreland	BARLEY, MD, Samuel B	Jefferson	BAVER, MD, Faith H	Montgomery	BENDER, MD, Robert R	Lancaster
BAKER JR, MD, Arthur G	Delaware	BARMADA, MD, Bicher	Allegheny	BAVER, MD, George A	Montgomery	BENDER, MD, William A	Franklin
BAKER JR, MD, George W	Franklin	BARNES II, MD, Arthur E	Westmoreland	BAXT, MD, Leon	Philadelphia	BENDERSKY, MD, Gordon	Philadelphia
BAKER, MD, Arthur G	Delaware	BARNES, MD, Anne U	Philadelphia	BAXTER, MD, John A	Montour	BENDLIN, MD, Arnaldo	Philadelphia
BAKER, MD, Bryan L	Montour	BARNES, MD, Ben C	Lehigh	BAYANI JR, MD, Eladio Y	Westmoreland	BENE, MD, Catherine H	York
BAKER, MD, Dan R	Bradford	BARNES, MD, Barbera E	Venango	BAYER, MD, Joseph F	Washington	BENEDICT, MD, Franklin D	Philadelphia
BAKER, MD, Everett M	Allegheny	BARNES, MD, Letcher B	Allegheny	BAYNE, MD, Gilbert M	Philadelphia	BENENSON, MD, Ronald S	York
BAKER, MD, Graeme C	Erie	BARNES, MD, Robert F	Blair	BAYRI, MD, Mehmet F	Lehigh	BENES, MD, Susan C	Philadelphia
BAKER, MD, Howard W	Philadelphia	BARNES, MD, Willia C	Lackawanna	BAYUK, MD, John D	Mercer	BENFER, MD, Kenneth L	York
BAKER, MD, John H	Lancaster	BARNES, MD, William J	Allegheny	BAZEMORE, MD, Mary K	Montgomery	BENITEZ, MD, Francisco W	Blair
BAKER, MD, James L	Allegheny	BARNES, MD, William T	Centre	BAZYLAK, MD, Robert A	Crawford	BENJAMIN, MD, David R	Eria
BAKER, MD, Marvin P	Butler	BARNETT, MD, Alan J	Allegheny	BAZZOUI, MD, Widad	Mckean	BENJAMIN, MD, Kenneth W	Philadelphia
BAKER, MD, Richard B	Philadelphia	BARNHART JR, MD, Jay S	Philadelphia	BEACHER JR, MD, George W	Lancaster	BENKO, MD, Stephen T	Cambria
BAKER, MD, Ramon D	Delaware	BARNHART, MD, Arthur D	Westmoreland	BEACHLER, MD, John S	Allegheny	BENKOVIC, MD, Gregory W	Montour
BAKER, MD, Roy F	Centre	BARNHOUSE, MD, David H	Allegheny	BEACHY, MD, Iven E	Cumberland	BENNER, MD, John N	Wyoming
BAKER, MD, Robert H	Mercer	BARNOSKI, MD, John F	Dauphin	BEACHY, MD, Stanley C	Cumberland	BENNER, MD, Norman R	Elk-Cameron
BAKER, MD, Robert J	Allegheny	BARON, MD, Arthur M	Montgomery	BEALE, MD, Benjamin R	Dauphin	BENNETT 4TH, MD, Joseph S	Montgomery
BAKER, MD, Robert L	Allegheny	BARON, MD, John	Allegheny	BEALER, MD, John D	Northampton	BENNETT, MD, Hugh D	Philadelphia
BAKER, MD, Stephen D	Allegheny	BARON, MD, Maxine E	Allegheny	BEALL, MD, Chester F	Allegheny	BENNETT, MD, John A	Delaware
BAKER, MD, Thomas E	Luzerne	BARON, MD, Raymond C	Philadelphia	BEALS, MD, Norman K	Venango	BENNETT, MD, John L	Cambria
BAKER, MD, Walter J	Allegheny	BARONE, MD, Anthony	Lehigh	BEAN, MD, Carl B	Butler	BENNETT, MD, May H	Allegheny
BAKER, MD, Walter W	Philadelphia	BARONE, MD, Samuel F	Allegheny	BEANE, MD, Howerd C	Dauphin	BENNETT, MD, Pater H	Bredford
BAKEWELL, MD, Frank S	Washington	BARR JR, MD, James H	Allegheny	BEAR, MD, John M	Berka	BENNETT, MD, Raymond L	Susquehanna
BAKEN, MD, William W	Lancaster	BARR, MD, Gavin C	Northampton	BEARDWOOD, MD, Donald M	Montgomery	BENNIGHOF, MD, David C	Beaver
BALAGON, MD, Linda D	Northampton	BARR, MD, Harry J	Delaware	BEATY, MD, Albert C	Philadelphia	BENNINGER, MD, Robert A	Mercer
BALARAMAN, MD, Govindachatty,	Franklin	BARR, MD, Richard G	Delaware	BEATY, MD, Lawrence T	Cambria	BENNOVITZ, MD, Burton S	Luzerne
BALASH, MD, William R	Armstrong	BARR, MD, Sidney	Philadelphia	BEATY, MD, Ralph P	Allegheny	BENSHOFF, MD, Arthur M	Cambria
BALCERZAK, MD, Stanley P	Allegheny	BARR, MD, Samuel S	Philadelphia	BEAUCHAMP JR, MD, Eugene W	Philadelphia	BENSHOFF, MD, Albert M	Cambria
BALCHANDANI, MD, Rejsumari B	Philadelphia	BARR, MD, V Ward	Lancaster	BEAUGARD, MD, Mark E	Chester	BERSON, MD, Bernard E	Montgomery
BALCITA, MD, Arthur L	Westmoreland	BARR, MD, William B	Lehigh	BEAUSANG, MD, Thomas R	Schuylkill	BERSON, MD, David R	Centre
BALDERACH, MD, Ronald R	Lewrence	BARRER, MD, Mitchell J	Bucks	BEAVER, MD, Herry C	Mifflin-Juniata	BERSON, MD, Jacob M	Philadelphia
BALDIA, MD, Livo B	Columbia	BARRERA JR, MD, A Rodolfo	Butler	BECK, DO, Jonethan E	Montgomery	BERSON, MD, John R	Philadelphia
BALDWIN, MD, Thomas M	Beaver	BARRETT, MD, George S	Northampton	BECK JR, MD, William C	Montgomery	BERSON, MD, William E	Philadelphia
BALLES, MD, Charlea R	Erie	BARRETT, MD, Judith N	Lehigh	BECK, MD, Aaron T	Philadelphia	BENSY, MD, Joseph J	Allegheny
BALKIAN, MD, Menuel	Lancaster	BARRETT, MD, John S	Berka	BECK, MD, Donald E	Mercer	BENSY, MD, Oliver R	Allegheny
BALIN, MD, Arthur K	Delaware	BARRETT, MD, Micheel J	Philadelphia	BECK, MD, Gerald	Erie	BENT III, MD, George	Allegheny
BALIN, MD, Benjamin R	Delaware	BARRETT, MD, Stephen J	Lehigh	BECK, MD, Gunhilde M	Dauphin	BENTIVOGLIO, MD, Lamberto G	Philadelphia
BALIN, MD, Solomon L	Philadelphia	BARRETT, MD, William A	Allegheny	BECK, MD, Jan	Bradford	BENTON, MD, Owen D	Washington
BALIS, MD, Sol	Delaware	BARRINGER, MD, Lydia R	Philadelphia	BECK, MD, Robert H	Huntingdon	BENTZ, DO, William J	Allegheny
BALISTOCKY, MD, Mervin H	Montgomery	BARRIOS, MD, Antonio	Philadelphia	BECK, MD, Sidney	Philadelphia	BENTZ, MD, Charles R	Mckean
BALK, MD, Phillip	Berka	BARRIOS, MD, Mario F	Berka	BECK, MD, William C	Bradford	BENTZ, MD, Michael S	Dauphin
BALKANY, MD, Andrew F	Dauphin	BARRIST, MD, Elia M	Philadelphia	BECKER, DO, Leonard R	Philadelphia	BENTZ, MD, Ralph A	Dauphin
BALKANY, MD, Christopher K	Lancaster	BARRON, MD, Kenneth G	Allegheny	BECKER, MD, Carl K	Lebanon	BENZ JR, MD, George H	Allegheny
BALL, MD, Myron H	Leckewenne	BARRY, MD, William E	Philadelphia	BECKER, MD, Hilary J	Lancaster	BENZ, MD, Edward J	Northampton
BALL, MD, William L	Warren	BARRY, MD, William J	Chester	BECKER, MD, Irwin	Philadelphia	BENZEL, MD, Stanley	Lehigh
BALLANTINE, MD, Thomas V	Dauphin	BARSOUM, MD, Adib H	Westmoreland	BECKER, MD, Joseph M	Philadelphia	BERARDI, MD, Ronald S	Westmoreland
BALLANTYNE, MD, James V	Allegheny	BARTELT, MD, Curtis F	Montgomery	BECKER, MD, Martin S	Northampton	BERARDINELLI, MD, John L	Blair
BALLARD, MD, Ien M	Montgomery	BARTHO, MD, Blaina F	Perry	BECKER, MD, Ward G	Berka	BERARDIS, MD, Velio E	Lackawanna
BALLAS, MD, Samir K	Philadelphia	BARTHOLOMEW, MD, William W	Greene	BECKLEY, MD, Allen G	Philadelphia	BERBERICH, MD, Walter F	Westmoreland
BALLEK, MD, Ronald E	Philadelphia	BARTLE JR, MD, Harvey	Montgomery	BECKLEY, MD, Robert F	Clinton	BERD, MD, Irvin B	Delaware
BALLETINE, MD, George N	Lycoming	BARTLETT JR, MD, Frederick H	Montgomery	BECKMAN, DO, Irwin	Allegheny	BERENBAUM, MD, Arthur A	Philadelphia
BALLESTAS, MD, Roberto	Carbon	BARTLETT, MD, Glen S	Dauphin	BECKMAN, MD, William R	Adams	BERENBAUM, MD, Paul L	Philadelphia
BALLS, MD, Kent F	Montgomery	BARTO, MD, Jack W	Cambria	BECKWITH, MD, William R	Delaware	BERES, MD, Joseph C	Philadelphia
BALMASEDA, MD, Otelia B	Philadelphia	BARTOLET, MD, Terry L	Northampton	BEDFORD, MD, Richard A	Philadelphia	BERESKY, MD, Barbabaa S	Erie
BALMASEDA, MD, Philp F	Philadelphia	BARTON, MD, James C	Franklin	BEDNAREK, MD, Joseph M	Philadelphia	BERESNY, MD, Gerald M	Centre
BALSARA, MD, Rohinton K	Philadelphia	BARTON, MD, Robert L	Lebanon	BEDNAREK, MD, Thomas F	Bradford	BERG, MD, Charles F	Allegheny
BALSBAUGH, MD, George T	Dauphin	BARTOS, MD, Joseph E	Northampton	BEDNARSKI, MD, Jeffrey J	Erie	BERG, MD, George	Allegheny
BALSHI, MD, Stephen F	Northampton	BARTOS, MD, Michael R	Centre	BEDNARZ, MD, Wallace W	Lycoming	BERG, MD, Morton D	Philadelphia
BALTIC JR, MD, Charlea V	Beaver	BARTOS, MD, Sylvie Ann	Allegheny	BEDROSSIAN, MD, E Howard	Delaware	BERG, MD, Philp	Philadelphia
BALTZ, MD, Richard D	Dauphin	BARTOSIK, MD, Delphine B	Philadelphia	BEE, MD, Daniel H	Indiana	BERG, MD, Saul R	Allegheny
BALTZELL, MD, William H	Philadelphia	BARTUSKA, MD, Doria G	Philadelphia	BEEBY, MD, James L	Erie	BERG, MD, William S	Allegheny
BALZE, MD, Paul C	Lehigh	BARUA, MD, Subreta P	Westmoreland	BEECHAM, MD, Clayton T	Montour	BERGELSON, MD, Victor D	Montgomery
BAMBERGER, MD, Grant W	Chester	BARUSEWYCZ, MD, Sr Maria	Philadelphia	BEEKEY JR, MD, Cyrus E	York	BERGER, MD, Benjamin	Allegheny
BAMBERGER, MD, John A	Lebanon	BASAK, MD, Bijan K	Potter	BECKLEY, MD, William H	Chester	BERGER, MD, Bruce C	Philadelphia
BAMONTE, MD, Edwerd L	Allegheny	BASAVANAND, MD, Nirmele P	Philadelphia	BEEK, MD, John W	Berka	BERGER, MD, Gary W	Lycoming
BANACH, MD, Stanley F	Lehigh	BASH, MD, Nicholas P	Philadelphia	BEERMAN, MD, Curtia A	Cembria	BERGER, MD, Jay B	Northampton
BANCOFF, MD, Carl	Philadelphia	BASHARA, MD, Thomas J	Lawrence	BEERMAN, MD, Hermen	Philadelphia	BERGER, MD, Karl	Cambria
BANCROFT, MD, Edith D	Blair	BASHLINE, MD, Don L	Mercer	BEERS, MD, Kenneth L	Blair	BERGER, MD, Merk	Dauphin
BANDARANAYKE, MD, Nisantha M	Allegheny	BASHLINE, MD, H Woodrow	Mercer	BEETEL, MD, Christopher J	Berka	BERGER, MD, Malvin M	Northampton
BANE, MD, Denis M	Schuylkill	BASHORE JR, MD, Robert M	Lancaster	BEG, MD, Mirza M	Philadelphia	BERGER, MD, Malcolm P	Allegheny
BANEY JR, MD, Charlea M	Berka	BASHORE, MD, R Guy	Schuylkill	BEGELMAN, MD, Kenneth M	Bradford	BERGER, MD, Norman S	Lackawanna
BANGHART, MD, Herry E	Butler	BASILE, MD, Joseph	Blair	BEGG, MD, Frenk R	Allegheny	BERGER, MD, Simon M	Philadelphia
BANK, MD, Arnold A	Philadelphia	BASKA, MD, John K	Beavar	BEGGS, MD, John L	Westmoreland	BERGHER, MD, Moiaee	Philadelphia
BANK, MD, R Stanley	Dauphin	BASSAM, MD, Donald E	Mifflin-Juniata	BEGUM, MD, Dilwara	Allegheny	BERGNES, MD, Manuel A	Montgomery
BANKA, MD, Reens S	Philadelphia	BASSALY, MD, Ritaat R	Lawrence	BEH, MD, Walter P	Mercer	BERGQUIST, MD, Erick J	Philadelphia
BANKACI, MD, Murat	Westmoreland	BASSETT, MD, David E	Bucks	BEHREND, MD, Albert J	Philadelphia	BERING, MD, Joseph P	Lebanon
BANKS, MD, Welter A	Lehigh	BASSETT, MD, James G	Philadelphia	BEHREND, MD, Bernard	Philadelphia	BERK, MD, David A	Allegheny
BANKS, MD, William W	Philadelphia	BASSETT, MD, Samuel F	Bucks	BEHRENDT, MD, Richard P	Butler	BERK, MD, Henry M	Montgomery
BANMILLER, MD, James D	Montgomery	BASSILIOS, MD, Foued A	Allegheny	BEHRENDT, MD, Thomas	Philadelphia	BERK, MD, Myles M	Allegheny
BANNER, MD, Ronald S	Philadelphia	BAST, MD, William R	Adema	BEHUN, MD, Joseph M	Allegheny	BERK, MD, Nathaniel G	Philadelphia
BANNETT, MD, Aeron D	Philadelphia	BASTIAN, MD, Grace A	Philadelphia	BEIDLER, MD, Jon G	Franklin	BERKEBILE, MD, Paul E	Allegheny
BANNISTER JR, MD, William B	Lawrence	BASTIAN, MD, James R	Lycoming	BEILER, MD, David D	Montour	BERKEY, MD, Richard L	Allegheny
BANNON, MD, Charles J	Lackawenne	BATAILLE, MD, Jacques A	Mercer	BEITEL JR, MD, Robert J	Lehigh	BERKHEIMER, MD, George A	Dauphin
BANOON, MD, Marietta A	Dauphin	BATCHELOR, MD, Roger P	Carbon	BEITTEL JR, MD, Charles R	Dauphin	BERKHEIMER, MD, Perk	Dauphin
BANSBACH, MD, Jean M	Philadelphia	BATES JR, MD, Olice	Montour	BEITTEL, MD, James P	Lancaster	BERKHEISER, MD, Samuel W	Beaver
BANSBACH, MD, William A	Philadelphia	BATES, MD, James S	Montour	BEIZER, MD, Lawrence H	Philadelphia	BERKMAN, MD, Eugene F	Allegheny
BANSIDHAR, MD, Bhedresine	Beaver	BATES, MD, Richard L	Crawford	BELASCO, MD, Robert N	Montgomery	BERKMAN, MD, Ronald O	Allegheny
BANTLEY JR, MD, David S	Philadelphia	BATHEN, MD, Joseph J	Allegheny	BELOUCH, MD, Stephen C	Beaver	BERKOW, MD, Robert	Allegheny
BANTLY, MD, Herry C	Jefferson	BATIPPS JR, MD, Percy O	Allegheny	BELOK, MD, H Deen	Allegheny	BERKOWITZ, MD, Fred	Allegheny
BANTLY, MD, Victor S	Cambria	BATOFF, MD, Milton A	Delaware	BELOKAP, MD, Harold P	York	BERKOWITZ, MD, Henry D	Philadelphia
BANZHOFF, MD, Gordon K	Dauphin	BATTORY, MD, Katherine H	Philadelphia	BELL JR, MD, C Ray	Lebanon	BERKOWITZ, MD, Morton I	Allegheny
BAOUERO-BUENO, MD, Mario R	Washington	BATTAFARANO, MD, Leonard A	Centre	BELL JR, MD, David M	Washington	BERKOWITZ, MD, Richard D	Philadelphia
BAR, MD, Allan H	Philadelphia	BATTERTON, MD, Thomas D	Philadelphia	BELL, MD, Ella C	Philadelphia	BERLEY, MD, Benjamin S	Luzerne
BAR-JOSEPH, MD, Geo	Allegheny	BATTISTA, MD, Frank J	Dauphin	BELL, MD, Gerald	Chester	BERLEY, MD, Lawrence F	Philadelphia
BARAFF, MD, Robert	Allegheny	BATTS JR, MD, James A	Philadelphia	BELL, MD, H Craig	Montgomery	BERLIN JR, MD, Cheaton M	Dauphin
BARAKAT, MD, Adel R	Lackawanna	BAUDER, MD, Elizabeth S	Lehigh	BELL, MD, John C	Montgomery	BERLIN, MD, Cherlaa S	Allegheny
BARALDI, MD, Raymond L	Montgomery	BAUER, MD, Frank L	Allegheny	BELL, MD, Robert L	Chester	BERMAN, DO, Mervin J	Philadelphia
BARAN, MD, Ernest M	Montgomery	BAUER, MD, John A	Armstrong	BELL, MD, Richard T	Berks	BERMAN, MD, Arnold T	Philadelphia
BARANSKI, MD, Edwerd J	Adams	BAUER, MD, James E	Delaware	BELL, MD, Randell W	Clearfield	BERMAN, MD, Eli	Monroe
BARATZ, MD, Burton H	Philadelphia	BAUER, MD, Robert L	Lebanon	BELL, MD, Thomea G	Lawrence	BERMAN, MD, Howard J	Westmoreland
BARBER, MD, John V	Westmoreland	BAUER, MD, Thomes L	York	BELLA, MD, Romeo H	Westmoreland	BERMAN, MD, Ira J	York
BARBER, MD, Lee A	Philadelphia	BAUER, MD, William F	Allegheny	BELLANCA JR, MD, Guy L	Philadelphia	BERMAN, MD, Richard	Philadelphia
BARBER, MD, Margaret	Philadelphia	BAUERSFELD, MD, S Richard	Allegheny	BELLARMINO, MD, Francis M	Philadelphia	BERNABEI, MD, Armand L	Philadelphia
BARBIERI, MD, Edwerd A	Philadelphia	BAUM, MD, Edgar S	Lehigh	BELLER, MD, Martin L	Lycoming	BERNARDINO JR, MD, Vitanio B	Bucks
BARBO, MD, Dorothy M	Philadelphia	BAUM, MD, O Eugene	Philadelphia	BELLES, MD, Terry A	Lycoming	BERNARDINO, MD, Evelina A	Bucks
BARBOUR, MD, Peter J	Lehigh	BAUM, MD, Sheldon	Dauphin	BELLEW, DO, John H	Lancaster	BERNATH JR, MD, Albert M	Montour
BARCKLEY, MD, Thomas W	Northampton	BAUM, MD, Stanley	Philadelphia	BELLINGER, MD, Merk F	Dauphin	BERNBERG, MD, Lawrence	Chester
BARCLAY, MD, Clayton C	Schuylkill	BAUM-BARVIE, MD, Alicia	Westmoreland	BELLIS, MD, John A	Chester	BERNETT, MD, Gery B	Delaware
BARCLAY, MD, William A	Indiana	BAUMAN, MD, Dorothy H	Allegheny	BELLUS, MD, John J	Montgomery	BERNHARD, MD, John J	Lehigh

BERNHARD, MD, Robert A	Lancaster	BLACK, MD, Judith E	Allegheny	BOLMARCICH, MD, Virginia D	Delaware	BOYLE, MD, Bruce C	Westmoreland
BERNS, MD, Leon L	Philadelphia	BLACK, MD, Milton H	Allegheny	BOLOGNESE, MD, Ronald J	Philadelphia	BOYLE, MD, Hugh G	Luzerne
BERNSTEIN, MD, A Alexander	Lackawanna	BLACK, MD, Maurice W	Philadelphia	BOLOTIN, MD, Joseph H	Mercer	BOYLE, MD, Liam E	York
BERNSTEIN, MD, Edward D	Allegheny	BLACK, MD, Parry	Philadelphia	BOLSTER, MD, Richard H	Chester	BOYLE, MD, Richard C	Erie
BERNSTEIN, MD, Mark H	Bucks	BLACKBURN JR, MD, Laurence H	Northampton	BOLTON, MD, Howard A	Allegheny	BOYLE, MD, William H	Luzerne
BERNSTEIN, MD, Earl L	York	BLACKBURN, MD, Joseph M	Elk-Cameron	BOLUS, MD, Charles M	Lackawanna	BOYLER, MD, Lawrence J	Franklin
BERNSTEIN, MD, J Barnard	Philadelphia	BLACKBURN, MD, Lawrence F	Westmoreland	BOMHEUER, DO, Elizabeth H	Delaware	BOYSEN, MD, Homer W	Schuylkill
BERONILLA, MD, Hilarion A	Fayette	BLACKBURN, MD, Walter J	Philadelphia	BONACCI, MD, Richard J	Luzerne	BOZIC, MD, Albert F	Lycoming
BERRETTINI, MD, Achilles A	Luzerne	BLACKSMITH JR, MD, Gary L	Cumberland	BONADIO, MD, Peter M	Allegheny	BRABSON, MD, Howard W	Allaghany
BERRY, MD, George J	Allegheny	BLADY, MD, John V	Philadelphia	BONAFEDE, MD, Peter L	Dauphin	BRACE, MD, Frederick H	Beaver
BERSCHLING, MD, Chester M	Allegheny	BLAIR, MD, Daniel	Philadelphia	BONAKDAR-POUR, MD, Akbar	Philadelphia	BRACE, MD, Allen N	Montgomery
BERTA, MD, Julius W	Warren	BLAIR, MD, Albert J	Allegheny	BONAN, MD, A Ferdinand	Philadelphia	BRACHFELD, MD, Jonas	York
BERTOLET, MD, Charles B	Berks	BLAIR, MD, Frank W	Philadelphia	BONDI, MD, Frank R	Allegheny	BRACKBILL, MD, James E	Philadelphia
BERTOLETTE, MD, Richard D	Berks	BLAISDELL, MD, C Theodore	Lehigh	BONDI, MD, Richard P	Allegheny	BRACKEN, MD, Mark M	Northampton
BERTRAM, MD, Horst N	Lebanon	BLAISURE, MD, Beverly C	Centre	BONDY, MD, Thomas J	Cambria	BRACKIN JR, MD, John T	Allaghany
BERTSCH, MD, Albert M	Susquahanna	BLAKE JR, MD, Alton D	Allegheny	BONESSI, MD, John J	Allegheny	BRACKIN, MD, George G	Montgomery
BERWICK, MD, Evelyn Sue	Allegheny	BLAKE, MD, Douglas R	Lehigh	BONESSI, MD, James V	Allegheny	BRACKIN, MD, Phillip S	Montgomery
BESARAB, MD, Anatole	Philadelphia	BLAKE, MD, Karl E	Allegheny	BONET, MD, Luis	Allegheny	BRADEN JR, MD, Frank R	Allaghany
BESECKER, MD, Joseph A	Lancaster	BLAKE, MD, Paul O	Delaware	BONI, MD, Dino R	Washington	BRADEN, MD, Geoffrey L	Philadelphia
BESSEN, MD, Lee T	Luzerne	BLAKESLEE, DO, Colson E	Jafferson	BONIFACE, MD, Doloras J	Allegheny	BRADFORD, MD, Paul L	Montgomery
BESSELMAN, MD, David M	Dauphin	BLAKLEY, MD, John B	Alleghany	BONITA, MD, Louis B	Luzerne	BRADLEY JR, MD, Robert H	Philadelphia
BESSER, MD, Joseph P	Philadelphia	BLANCH, MD, Joseph J	Philadelphia	BONITA, MD, Raphael	Luzerne	BRADLEY JR, MD, William A	Westmoreland
BEST, MD, John W	York	BLANCHARD, MD, Donovan C	Vanango	BONNER JR, MD, Francis J	Montgomery	BRADLEY JR, MD, William P	Allegheny
BETANCOURT, MD, Sergio E	Allaghany	BLAND, MD, C Brinley	Philadelphia	BONNER, MD, Dennis J	Bucks	BRADLEY, MD, Betty H	Allegheny
BETESH, MD, Joel S	Lycoming	BLANDINO, MD, David A	Lycoming	BONNER, MD, Robert A	Lycoming	BRADLEY, MD, Samuel M	Cambria
BETTINGER, MD, John C	Philadelphia	BLANK, MD, Ira B	Montgomery	BONNER, MD, William R	Carbon	BRADLEY, MD, Vernon F	Blair
BETTS, MD, Eugene K	Philadelphia	BLANK, MD, Philip	Allegheny	BONO, MD, John	Armstrong	BRADSHAW JR, MD, William A	Allaghany
BETZ, MD, Louis H	Union	BLANK, MD, Samuel	Philadelphia	BONOS III, MD, Charles T	Lehigh	BRADY, MD, Anna M	Philadelphia
BETZ, MD, Randal R	Bucks	BLANNETT, MD, John D	Delaware	BONTEMPO, MD, Franklin A	Beaver	BRADY, MD, Douglas F	Westmoreland
BEUF, MD, Francesco G	Montgomery	BLANZACO, MD, Andre C	Philadelphia	BONTOMASE, MD, Jasper E	Lycoming	BRADY, MD, George M	Lancaster
BEVAN, MD, Emma B	Philadelphia	BLASCO, MD, Walter J	Franklin	BONUCCI, MD, Bruno L	Fayette	BRADY, MD, Joseph A	Montgomery
BEVERLY JR, MD, Roland S	Philadelphia	BLASIOLE, MD, Ralph S	Washington	BOO, MD, Ki T	Lehigh	BRADY, MD, John C	Luzerne
BEVERLY, MD, Avery W	Philadelphia	BLASS, MD, David C	Fayette	BOOK, MD, Murray H	Montgomery	BRADY, MD, Luther W	Philadelphia
BEVILACQUA JR, MD, Dante J	Delaware	BLASSER, MD, Edward F	Lehigh	BOOK, MD, Morris M	Beaver	BRADY, MD, Robert W	Allegheny
BEVILACQUA, MD, Daniel F	Adams	BLATCHLEY, MD, Donald M	Westmoreland	BOOKERT, MD, Charles C	Allegheny	BRADGON, MD, Robert W	Allaghany
BEVILACQUA, MD, John E	Philadelphia	BLATT, MD, Mark A	Philadelphia	BOOKHAMMER, MD, Robert S	Philadelphia	BRAMHAKULAM, MD, Paul M	Mifflin-Juniata
BEYER JR, MD, Francis D	Westmoreland	BLAUM JR, MD, Louis C	Luzerne	BOONE, MD, Laslie J	Alleghany	BRAND, MD, Robert A	Philadelphia
BEYER JR, MD, Karl H	Philadelphia	BLAUM SR, MD, Louis C	Luzerne	BOONIN, MD, Alan	Luzerne	BRALLIER, MD, Hugh W	Westmoreland
BEYER, MD, H Jeanne	Centre	BLECKER, MD, David	York	BOONSWANG, MD, Pricha	Northampton	BRAMOWITZ, MD, Alan D	Allegheny
BHAGWANANI, MD, Drupadi G	Allegheny	BLEEDEN, MD, Edward M	Delaware	BOONVISUDHI, MD, Thumrong	Fayette	BRANAS, DO, John A	Lancaster
BHARUCHA, MD, Shernavaz D	Dauphin	BLEIER, MD, Adolph H	Delaware	BOOR, MD, John W	Delaware	BRANDFASS, MD, William T	Delaware
BHAT, MD, K Ramakrishna	Luzerne	BLEIMAN, MD, Michael	Philadelphia	BOOTH JR, MD, Robert E	Philadelphia	BRANDON, MD, John M	Allegheny
BHATIA, MD, Shyamsunder	Montour	BLESSING, MD, Henry G	Philadelphia	BOOTH, MD, George	Allegheny	BRANDON, MD, Milton B	Jefferson
BHATTANAGAR, MD, Yudhishter M	Clarion	BLEWETT, MD, Charles H	Pottar	BORDEN, MD, Anthony G	Philadelphia	BRANDON, MD, Phyllis K	Armstrong
BHATT, MD, Anjali G	Delaware	BLEWITT, MD, George A	Philadelphia	BORECKY, MD, David C	Cambria	BRANDSTETTER, MD, Louia H	Allegheny
BHATT, MD, Gaurang P	Delaware	BLEYAERT, MD, Achiel L	Allegheny	BORETSKY, MD, Harry	Allegheny	BRANDT, MD, John P	Clinton
BHATT, MD, Nareesh I	Fayette	BLINKOFF, MD, Barry A	Philadelphia	BORGER, MD, Lea J	Warren	BRANDT, MD, John W	Allaghany
BHE, MD, H Kwan	Carbon	BLIZZARD, MD, John J	Delaware	BORGIA, MD, Frank A	Allegheny	BRANDT, MD, Robert I	Beaver
BHUTTA, MD, Omar I	Alleghany	BLOBNER, MD, Charles G	Allegheny	BORIOSI, MD, Guido D	Lackawanna	BRANDY, MD, Dominic A	Allegheny
BHYUN, MD, Dee S	York	BLOCK, MD, Frank B	Philadelphia	BORJA, MD, Rogelio I	Armstrong	BRANELLA, MD, Anthony F	Delaware
BIALAS, MD, Henry N	Berks	BLOCK, MD, Michael A	Armstrong	BORKOVIC, MD, Embrie J	Beaver	BRANESCU, MD, George P	Cumberland
BIALAS, MD, Paul A	Warren	BLOCK, MD, Robert A	Philadelphia	BORKOW, MD, Joel E	Cambria	BRANT, MD, Carl E	Westmoreland
BIALAS, MD, Robert F	Delaware	BLOCK, MD, Steven	Bucka	BORKOWSKI, MD, Bernard B	Philadelphia	BRANT, MD, Noss D	Allegheny
BIANCARELLI, MD, Edmund J	Lackawanna	BLOCKLYN, MD, Maurica J	Delaware	BORKOWSKI, MD, Winslow J	Philadelphia	BRANTON, MD, Leon N	Lehigh
BIANCO, MD, Antoni	Allegheny	BLOCKSTEIN, MD, Robert S	Allegheny	BORNS, MD, Patricia F	Philadelphia	BRASLOW, MD, Norman H	Delaware
BICHARA, MD, Wahib M	Delaware	BLODGETT JR, MD, Randolph C	Montour	BORNT, MD, Marsha D	York	BRASUK, MD, John L	Allegheny
BIDDLE, MD, John E	Lycoming	BLOES, MD, Walter S	Lackawanna	BORON, MD, Robert J	Clearfield	BRAUN, MD, Daniel C	Allegheny
BIDDLE, MD, Stanley E	Philadelphia	BLOM, MD, Johannes	Lycoming	BORON, MD, Ronald L	Alleghany	BRAUN, MD, Jean B	Fayette
BIEBER, MD, Laren G	Lancaster	BLOMAIN, MD, E William	Indiana	BOROW, MD, Stella M	Philadelphia	BRAUN, MD, Thomas M	Washington
BIEBUYCK, MD, Julian F	Dauphin	BLOOD JR, MD, Joseph B	Bradford	BOROW, MD, Lawrence S	Philadelphia	BRUNFELD, DO, Robert	Philadelphia
BIELE, MD, Flora H	Philadelphia	BLOOD JR, MD, Raymond G	Philadelphia	BOROW, MD, Sydney	Philadelphia	BRV, MD, Solomon S	Philadelphia
BIEMULLER, MD, Martha L	Blair	BLOOM, MD, C Henry	Blair	BORRISON, MD, Joseph A	Allegheny	BRVEMAN, MD, Bernard L	Allegheny
BIERER, MD, Edward D	Armstrong	BLOOM, MD, Edward I	Philadelphia	BORSKA, MD, Henry B	Montgomery	BRAY, MD, Joseph B	Chaster
BIERER, MD, William E	Westmoreland	BLOOM, MD, Joseph	Philadelphia	BORTIN, MD, Leonard	Philadelphia	BRAY, MD, Joshua C	Montgomery
BIERI, MD, John W	Dauphin	BLOOM, MD, Joseph B	Allegheny	BORTNER, MD, Donald L	York	BRAY, MD, John S	Dauphin
BIERMAN, MD, Joseph R	Lehigh	BLOOM, MD, Meyer	Cambria	BORTZ, MD, Donald W	Westmoreland	BRAY, MD, Susan H	Philadelphia
BIERMANN, MD, William A	Philadelphia	BLOOM, MD, Shirley S	Westmoreland	BORTZ, MD, Walter M	Westmoreland	BRAZEL, MD, Joseph F	Cumberland
BIESINGER, MD, George J	Blair	BLOUGH, MD, Leland S	Allegheny	BORUS, MD, Harry E	Allegheny	BRECHER, MD, Eugene	Philadelphia
BIGGANS, MD, Robert P	Philadelphia	BLUESTEIN, MD, David D	Greene	BORUTZKY, MD, Carlos	Allegheny	BRECHER, MD, Jaffray A	Bucks
BIGGINS, MD, James A	Mercer	BLUM, MD, Bernard M	Philadelphia	BOSACCO, MD, Stephen J	Philadelphia	BRECHT, MD, James A	Philadelphia
BIGLAN, MD, Albert W	Allegheny	BLUM, MD, Marvin	Lehigh	BOSANAC, MD, Paul R	Lehigh	BRECKENRIDGE, MD, John W	Montgomery
BIGONEY, MD, Carl F	Montgomery	BLUM, MD, Richard H	Bradford	BOSELLI, MD, Bruce D	Bradford	BREEN, MD, Philip C	Montour
BIKLE, MD, Charles A	Franklin	BLUMBERG, MD, Albert L	Allegheny	BOSSE, MD, Milton D	Allegheny	BREGMAN, MD, Joseph	Philadelphia
BIKLE, MD, H Dwight	Adams	BLUMBERG, MD, Alexander W	Alleghany	BOTKIN, MD, Lester H	Alleghany	BREHMAN, MD, Hans H	Monroe
BIKOWSKI, MD, Joseph B	Allegheny	BLUMBERG, MD, Baruch S	Alleghany	BOTKIN, MD, Robert F	Allegheny	BREITFELD, MD, Volker	Allegheny
BILANIUK, MD, Larissa T	Delaware	BLUMBERG, MD, Leon D	Allegheny	BOUCEK, MD, Charles M	Allegheny	BREMER, MD, Harry J	Cambria
BILBAO, MD, Angel	Allegheny	BLUMBERG, MD, Myron L	Allegheny	BOUCEK, MD, Richard J	Allegheny	BRENNAN, MD, John W	Franklin
BILDER, MD, Bruce M	Tioga	BLUME, MD, Robert P	Lahigh	BOUCHER, MD, William F	Lahigh	BRENNAN, MD, Arnold K	Philadelphia
BILDER, MD, Joan	Tioga	BLUMENFIELD, MD, Ralph	Allegheny	BOURDAKOS, MD, Nicolas G	Allegheny	BRENNAN JR, MD, William J	Philadelphia
BILKER, MD, Iris J	Philadelphia	BLUMENSCHIN, MD, Gertrude	Philadelphia	BOURLAND, MD, Henry S	Philadelphia	BRENNAN, MD, Joseph E	Philadelphia
BILLIAN, MD, Virginia L	Allegheny	BLUMENTHAL, MD, Charles	Allegheny	BOUVIER, MD, Marianna	Allegheny	BRENNAN, MD, John P	Luzerne
BILLIG, MD, Ruth A	Philadelphia	BLUMSTEIN, MD, Charles G	Philadelphia	BOUZARTH, MD, William F	Philadelphia	BRENNAN, MD, James T	Philadelphia
BILLINGS, MD, Robert J	Allegheny	BLUMSTEIN, MD, George I	Philadelphia	BOVE, MD, Frank A	Philadelphia	BRENNAN, MD, Leonard H	Warren
BINAKONSKY, MD, Harry S	Allegheny	BLY, MD, Chauncey G	Mercer	BOVE, MD, Richard L	Philadelphia	BRENNAN, MD, Richard E	Philadelphia
BINDIE, MD, Richard P	Schuylkill	BLTYHE, MD, Peggy J	Washington	BOWDITCH, MD, Robert R	Dauphin	BRENNAN, MD, Russell J	Philadelphia
BINNICK, MD, Steven A	Montgomery	BOAL JR, MD, John H	Alleghany	BOWEN III, MD, Adelbart	Alleghany	BRENNAN, MD, Robert W	Dauphin
BINNS, MD, Veronica	Fayette	BOAL, MD, Danielle K	Dauphin	BOWEN JR, MD, Frank W	Philadelphia	BRENNAN, MD, William F	Allegheny
BINSTOCK, MD, Harold	Allegheny	BOAL, MD, Erwin S	Beaver	BOWEN JR, MD, Thales	Montgomery	BRENNEMAN, MD, Paul G	Bucks
BIRD, MD, Gustavus C	Philadelphia	BOAL, MD, Richard J	Dauphin	BOWEN, MD, Charles P	Allegheny	BRENNEMAN, MD, Richard E	Northampton
BIRDSALL, MD, Thomas M	Philadelphia	BOAS, MD, Harry H	Allegheny	BOWEN, MD, Dale T	Lahigh	BRENNEN, MD, Robert F	Lehigh
BIRKHEAD, MD, Newton C	Philadelphia	BOBAK, MD, Leopold	Fayette	BOWER, MD, Harry B	Dauphin	BRENNER, DO, Richard P	Philadelphia
BIRNBAUM, MD, Michael D	Philadelphia	BOBECK, MD, Joseph J	Luzerne	BOWER, MD, James H	Dauphin	BRENNER JR, MD, Samuel S	Bradford
BIRO JR, MD, Frank	Northampton	BOBECK, MD, John J	Luzerne	BOWER, MD, James N	Lawrence	BRENNER, MD, Barry S	Philadelphia
BIRRELL, MD, Donald G	Allegheny	BOBEN, MD, William R	Luzerne	BOWER, MD, John R	Berks	BRENNER, MD, Louis O	Dauphin
BISBING, MD, John H	Berks	BOBIN, MD, John J	York	BOWER, MD, Robert	Philadelphia	BRENNER, MD, Maxwell B	Philadelphia
BISHOP, MD, David W	Blair	BOCHER, MD, Jack	Chester	BOWER, MD, Robert J	Chester	BRENNER, MD, Sidney	Philadelphia
BISHOP, MD, Harry C	Philadelphia	BOCK, MD, Kanny A	Lancaster	BOWERS, MD, Laroy W	Blair	BRENNER, MD, Sophia A	Philadelphia
BISHOP, MD, Robert P	Montgomery	BODE JR, MD, Frederick W	Allegheny	BOWERS, MD, Paul A	Philadelphia	BRENT, MD, Lawrence B	Allegheny
BISHOP, MD, Sarah	Philadelphia	BODEK, MD, Alvin M	Allegheny	BOWES, MD, Donald E	Montour	BRERETON, MD, William F	Erie
BISHOP, MD, Wayne E	Centre	BODI, MD, Tibor	Philadelphia	BOWIE, MD, Morris A	Montgomery	BRESLER, MD, R Ralph	Philadelphia
BISHOW, MD, I Ralph	Philadelphia	BOEDER, MD, Maral O	Mckean	BOWMAN JR, MD, Douglas F	Dauphin	BRESLIN, MD, Joseph A	Lancaster
BISIGNANI, MD, Gabriella M	Lackawanna	BOEHMLER, MD, William J	Dauphin	BOWMAN JR, MD, Thomas E	Blair	BRESLOW, MD, Irwin H	Philadelphia
BISORDI, MD, Joseph E	Montour	BOEHNSKE, MD, Manfred	Allegheny	BOWMAN, MD, David H	Alleghany	BRESSI JR, MD, Thomas E	Montgomery
BISSETT JR, MD, James F	Northampton	BOGASH, MD, Morton	Montgomery	BOWMAN, MD, Herbert S	Dauphin	BREST, MD, Albert N	Philadelphia
BITETTO, MD, Nicola	Berks	BOGDANOFF, MD, Bruce M	Delaware	BOWMAN, MD, James E	Philadelphia	BRETHAUER JR, MD, Edward A	Allegheny
BITMAN, MD, Harold L	Philadelphia	BOGER, MD, William P	Lancaster	BOWMAN, MD, John H	Lancaster	BRETTA, MD, Richard J	Mercer
BITMAN, MD, Kenneth L	Philadelphia	BOGNER, MD, Edward W	Washington	BOWSER, MD, Merle L	Montgomery	BREWER, MD, Robert H	Butler
BITNER, MD, Walter P	Chester	BOHARAS, MD, Saul	Montgomery	BOXER, MD, Arthur D	Allegheny	BREZIN, MD, Joseph H	Philadelphia
BITTENBENDER, MD, Joseph	Dauphin	BOHLENDER, MD, George P	Erie	BOYD 3RD, MD, Robert T	Philadelphia	BRIANT JR, MD, William W	Allegheny
BITTENDER, MD, Ralph E	Columbia	BOHN, MD, Mark W	Luzerne	BOYD, MD, Thomas S	Beaver	BRICE, MD, Judith A	Allaghany
BIXBY JR, MD, Edward W	York	BOHNENBLUST, MD, Walter R	Schuylkill	BOYD, MD, William J	Dauphin	BRICKHOUSE, MD, Herman M	Lycoming
BIZOUSKY, MD, Franklin S	Alleghany	BOICE, MD, G Newton	Alleghany	BOYER, MD, Michael F	Alleghany	BRICKLEY, MD, Kenneth S	Clinton
BIZUP, MD, Thomas J	Jafferson	BOKSENBAUM, MD, Marvin	Cambria	BOYER, MD, Edwin C	Lahigh	BRICKNELL, MD, Paul P	Dauphin
BLACK, DO, Samuel J	Schuylkill	BOLAND JR, MD, Francis B	Bucks	BOYER, MD, George S	Philadelphia	BRIDENBAUGH, MD, Robert P	Blair
BLACK JR, MD, Harry A	Butler	BOLAND, MD, Francis P	Lackawanna	BOYER, MD, Randal A	Lahigh	BRIER, MD, Peter M	Dauphin
BLACK JR, MD, William A	Allegheny	BOLAND, MD, Stanley W	Vanango	BOYER, MD, Walter E	Philadelphia	BRIGHTON, MD, Carl T	Philadelphia
BLACK, MD, F Owen	Lackawanna	BOLANOVICH, MD, Lester J	Clearfield	BOYKI, MD, Russell A	Northampton	BRIGLIA, MD, Nicholas N	Philadelphia
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		BOLLINGER, MD, James R	Chester				

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CARROLL, MD, Joseph H	Allegheny	CHADAGA, MD, Pandeswam	Schuylkill	CHOBY, MD, John J	Bucks	CLEARFIELD, MD, Harris R	Philadelphia
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CARTER JR, MD, William S	Montgomery	CHAMOVITZ, MD, David L	Beaver	CHOONG, MD, Shung S	Schuylkill	CLEMENTS, MD, William W	Montgomery
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CARY, MD, Gene L	Dauphin	CHANG, MD, Chun S	Luzerne	CHRISTIE, MD, Karl B	Allegheny	CLYMAN, MD, Byron	Montgomery
CASADAY, MD, Floyd M	Indiana	CHANG, MD, In-Ho	Lehigh	CHRISTIE, MD, Thomas	Chester	CLYMER, MD, Robert H	Berks
CASALE, MD, Lawrence F	Dauphin	CHANG, MD, Juei-Ling	Allegheny	CHRISTMAN, MD, Willard W	Northumberland	COATES JR, MD, John B	Chester
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CASANOVA, MD, Manuel A	Franklin	CHANG, MD, Myunghwan	Berks	Demetragelos,	Luzerne	COBBS, MD, Walter H	Philadelphia
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CASERIO, MD, Rebaccs J	Allegheny	CHANGCO, MD, Alvaro N	Washington	CHRISTOU, MD, Aristotle A	Luzerne	COBETTO, MD, Bernard H	Westmoreland
CASEY, MD, John D	Philadelphia	CHANNAPATI, MD, Thippeswamy	Butler	CHRISTY, MD, Michael G	Clarion	COCHRAN, MD, Bryce C	Jefferson
CASEY, MD, Michael P	Philadelphia	CHANNICK, MD, Bertram J	Philadelphia	CHRISTY, MD, Wallace C	Allegheny	COCHRAN, MD, James F	Northampton
CASEY, MD, Peter N	Lawrence	CHAPIS, MD, Nicholas J	Montgomery	CHU, MD, Donald	Philadelphia	COCHRAN, MD, Terence A	Lackawanna
CASEY, MD, Paul R	Philadelphia	CHAPMAN, MD, Albert L	Dauphin	CHU, MD, Elsie H	Philadelphia	COCHRAN, MD, William C	Montgomery
CASHMAN, MD, William M	Warren	CHAPMAN, MD, William L	Allegheny	CHU, MD, Felipe L	Beaver	COFFEY, MD, Jesse O	Delaware
CASILLO, MD, August V	Allegheny	CHAPPELKA, MD, Alfrad R	Philadelphia	CHU, MD, Jenniler	Philadelphia	COFFEY, MD, William F	Philadelphia
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CASS, MD, Alvah R	Erie	CHAREPOO, MD, Khassiar	Warren	CHUA, MD, Chong V	Montgomery	COHEN, MD, Archibald C	Butler
CASSALIA, DDS, Peter T	Philadelphia	CHARKES, MD, Nathan D	Philadelphia	CHUENSUMRAN, MD, Ongart	Allegheny	COHEN, MD, Barbara E	Philadelphia
CASSEL, MD, Franklin K	Lancaster	CHARLSON, MD, Murray T	Allegheny	CHUENSUMRAN, MD, Rajani S	Allegheny	COHEN, MD, Bernard I	Allegheny
CASSEL, MD, John J	Lehigh	CHARLTON, MD, Brian L	Bradford	CHUGTAL, MD, Arshad I	Allegheny	COHEN, MD, David J	Philadelphia
CASSEL, MD, R Douglas	Dauphin	CHARLTON, MD, Glenn B	Mercer	CHUN, MD, Sae-Il	Philadelphia	COHEN, MD, Donald L	Mercer
CASSELBERRY, MD, E Josephine	Bucks	CHARNEY, MD, Richard H	Bucks	CHUNG, MD, Chin D	Lawrence	COHEN, MD, David L	York
CASSELLI, MD, Helene J	Philadelphia	CHARNOCK, MD, Maurice P	Northampton	CHUNG, MD, Chan K	Luzerne	COHEN, MD, Erwin A	Philadelphia
CASSELLMAN, MD, Hyman L	Erie	CHARNY, MD, Charles W	Philadelphia	CHUNG, MD, Chan K	Dauphin	COHEN, MD, Edwin E	Lycoming
CASSENS, MD, Brett J	Allegheny	CHARNY, MD, E Joseph	Allegheny	CHUNG, MD, Chin-Yong	Erie	COHEN, MD, Fredric L	Philadelphia
CASSIDY, MD, Harvey D	Montour	CHASE, MD, William D	Huntingdon	CHUNG, MD, Edward K	Philadelphia	COHEN, MD, H Emmanuel	Philadelphia
CASSIDY, MD, Joseph A	Blair	CHASLER, MD, Charles N	Allegheny	CHUNG, MD, Hi-Young	Luzerne	COHEN, MD, H Elliott	Philadelphia
CASSIDY, MD, William J	Berks	CHASLER, MD, Nicholas L	Washington	CHUNG, MD, Hack R	Philadelphia	COHEN, MD, Harold M	Allegheny
CASSIDY, MD, William J	Philadelphia	CHASTENEY III, MD, Edward A	Philadelphia	CHUNG, MD, Whan S	Philadelphia	COHEN, MD, Harry W	Philadelphia
CASSOFF, MD, Richard G	Allegheny	CHAT, MD, Emanuel	Philadelphia	CHUNG, MD, Yoon J	Allegheny	COHEN, MD, Isadore S	Philadelphia
CASSONE, MD, Gary J	Lackawanna	CHATA, MD, Ifikhar A	Mercer	CHUNN, MD, Livingston	Philadelphia	COHEN, MD, Ian T	Dauphin
CASTAGNA, MD, Armand	Philadelphia	CHAUDHRY, MD, Mohammad A	Monroe	CIAMBOTTI, MD, Albert F	Allegheny	COHEN, MD, Jacob H	Montgomery
CASTALLO, MD, Mario A	Philadelphia	CHAUDHRY, MD, Rahat M	Allegheny	CIANCILLI, MD, Francis D	Delaware	COHEN, MD, Jacob J	Philadelphia
CASTEL, MD, Jose M	Montgomery	CHAUDHURI, MD, Kali P	Potter	CIANFRANI, MD, Peter M	Bucks	COHEN, MD, J Stanley	Philadelphia
CASTELLI II, MD, Peter J	Allegheny	CHAUHAN, MD, Ambaram V	Allegheny	CIANNI, MD, Ronald J	Lackawanna	COHEN, MD, Kenneth D	Philadelphia
CASSELLI, MD, Dario D	Allegheny	CHAYERN, MD, Hugh E	Westmoreland	CIARELLI, MD, Anthony G	Montgomery	COHEN, MD, Leonard H	Philadelphia
CASTELLON, MD, Mireya A	Cambria	CHAWLA, MD, Harish C	Bucks	CICCARIELLI, MD, Harold E	Allegheny	COHEN, MD, Larry K	Allegheny
CASTELLON-VOGEL, MD, Carlos H	Bucks	CHAWLA, MD, Shanta	Bucks	CICCARIELLI, MD, Lee M	Montour	COHEN, MD, Leonard M	Allegheny
CASTERLINE, MD, Charlotte L	Luzerne	CHAYAPRUKS, MD, Prayun	Greene	CICCHIELLO, MD, James R	Northumberland	COHEN, MD, Martin A	Bucks
CASTERLINE, MD, Peter F	Luzerne	CHEEVER, MD, Francis S	Allegheny	CICCHINO, MD, Frank E	Allegheny	COHEN, MD, Meyer A	Philadelphia
CASTILLENITI, MD, Guy A	Allegheny	CHEEN, MD, Chien	Delaware	CICCO, MD, Robert C	Cambria	COHEN, MD, Merton E	Northampton
CASTILLO, MD, Francisco A	Allegheny	CHEEN, MD, Chun N	Lehigh	CICCONI, MD, Emmett F	Philadelphia	COHEN, MD, Milton H	York
CASTILLO, MD, Jose	Philadelphia	CHEEN, MD, Henry Y	Venango	CICCONI, MD, Patrick E	Montgomery	COHEN, MD, Milton H	Mifflin-Juniata
CASTILLO, MD, Manuel M	Allegheny	CHEEN, MD, Juh-Huey	Lehigh	CIGANIC, MD, Ratimir R	Allegheny	COHEN, MD, Manfred L	Allegheny
CASTLE, MD, Charles A	Lancaster	CHEEN, MD, Mao-Hsiung	Philadelphia	CIGNETTI, MD, Franklin E	Allegheny	COHEN, MD, Mark L	Delaware
CASTOR, MD, Louis H	Philadelphia	CHEEN, MD, Pang K	Erie	CINBERG, MD, Leonard A	Philadelphia	COHEN, MD, Norman F	Allegheny
CASTRINA JR, MD, Frank P	Cumberland	CHEEN, MD, Wei-Fan	Philadelphia	CINCALA, DO, Robert P	Allegheny	COHEN, MD, Norman F	Philadelphia
CASTRO, MD, Augusto D	Allegheny	CHEENG, MD, Lawrence C	Lehigh	CINCO, MD, Victorio B	Chester	COHEN, MD, Norman N	Philadelphia
CASTRO, MD, Arturo F	Allegheny	CHENG, MD, Vincent S	Allegheny	CINCOTTA, MD, Joseph A	Dauphin	COHEN, MD, Paul A	Philadelphia
CASTROVINCI, MD, Robert V	Philadelphia	CHENSEE, MD, Jasper G	Berks	CINCOTTA, MD, Janet F	Dauphin	COHEN, MD, Peter Z	Allegheny
CASWELL, MD, Horace T	Philadelphia	CHEPONIS, MD, George B	Allegheny	CINELLI, MD, Cleto G	Berks	COHEN, MD, Robert	Bradford
CATALANO JR, MD, Louis W	Westmoreland	CHERIAN, MD, George R	Jefferson	CIOTOLA, MD, Augustine A	Luzerne	COHEN, MD, Richard L	Allegheny
CATALANO, MD, Edison	Philadelphia	CHERNER, MD, Rachmel	Philadelphia	CIPOLLA, MD, Charles F	Lycoming	COHEN, MD, Robert M	Philadelphia
CATALANO, MD, Kathleen F	Westmoreland	CHERNEW, MD, Irwin M	Westmoreland	CIRANOWICZ, MD, Mayer	Philadelphia	COHEN, MD, Robert V	Philadelphia
CATALANO, MD, Patricia M	Philadelphia	CHERNEY, MD, Paul J	Philadelphia	CIRELLI, MD, Mario G	Philadelphia	COHEN, MD, Samuel	Indiana
CATENA JR, MD, William P	Allegheny	CHERNOFF, MD, Benjamin	Philadelphia	CITRO, MD, Laurence A	Berks	COHEN, MD, Samuel F	Montgomery
CATENA, MD, Michael R	Allegheny	CHERNOFF, MD, Robert W	Delaware	CITRONE, MD, Peter J	Allegheny	COHEN, MD, Sheldon G	Luzerne
CATES, MD, Jerry L	Philadelphia	CHERNOW, MD, Susan	Philadelphia	CIVITARESE, MD, Louis R	Allegheny	COHEN, MD, Sarle H	Philadelphia
CAUTTIE, MD, Vincent J	Philadelphia	CHEMNUS, MD, Steven A	Dauphin	CLADEL, MD, Charles E	Dauphin	COHEN, MD, Stanley N	Philadelphia
CAUFFMAN, MD, William J	Bucks	CHERRY, MD, Louis J	Jefferson	CLADER, MD, Stanley C	Montgomery	COHEN, MD, Sherwood V	Philadelphia
CAUTILLI, MD, Richard A	Montgomery	CHERRUP, MD, E David	Allegheny	CLAIR, MD, Theodore W	Montgomery	COHEN, MD, Theodore B	Philadelphia
CAVA, MD, Joseph J	Philadelphia	CHESEN, MD, David	Philadelphia	CLANCY, MD, Michael	Philadelphia	COHEN, MD, William W	Erie
CAVALLARO, MD, Salvatora E	Northampton	CHESKO, MD, Clement C	Armstrong	CLAPP, MD, George E	Washington	COHLER, MD, Alan	Montgomery
CAVAN, MD, Albina B	Luzerne	CHESNICK, MD, Stevan R	Allegheny	CLARE, MD, David W	Allegheny	COHN, MD, Burton H	Dauphin
CAVAN, MD, John F	Luzerne	CHETLIN, MD, Sturt H	Allegheny	CLARE, MD, Henry E	Delaware	COHN, MD, C Harold	Berks
CAVASINA, MD, Mary M	Washington	CHETLIN, MD, Sherwood M	Allegheny	CLARK III, MD, Bernard A	Luzerne	COHN, MD, Edwin M	Philadelphia
CAVE, MD, Sergit L	Philadelphia	CHETT, MD, Nicholas J	Berks	CLARK, MD, Donald L	Philadelphia	COHN, MD, Gerald H	Montour
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CAVOTO, MD, Michael J	Indiana	CHICUNG, MD, Hoo J	Montgomery	CLARK, MD, Grant C	Columbia	COHN, MD, Herbert E	Philadelphia
CAWLEY, MD, Noel S	Schuylkill	CHEYNEY II, MD, James B	Dauphin	CLARK, MD, James E	Delaware	COHN, MD, Ronald E	Philadelphia
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CAYEN, MD, C Gene	Philadelphia	CHHAYA, MD, Kirit I	Schuylkill	CLARK, MD, John K	Philadelphia	COLANTONI, MD, William	Washington
CEFARATTI, MD, Michael D	Berks	CHIAVACCI, MD, Wayne E	Lackawanna	CLARK, MD, Joseph M	Lebanon	COLASANTE, MD, Anthony D	Northampton
CELANI, MD, Victor J	Delaware	CHICKLO, MD, James M	Franklin	CLARK, MD, Lawrence M	Clarion	COLATRELLA, MD, Anthony M	Allegheny
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CERNE, MD, Andrew J	Westmoreland	CHIRICO, MD, Anna-Marie	Philadelphia	CLARKE, MD, Robert H	Allegheny	COLE, MD, James M	Montour
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CESSNA, MD, Gerald H	Allegheny	CHO, MD, Jong S	Fayette				

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COLEMAN, MD, Donald J	Allegheny	COPE, MD, Conatantin	Philadelphia	CREECH, MD, Richard H	Philadelphia	DABBACK, MD, Dawitt T	Chasler
COLEMAN, MD, Donald K	Northampton	COPE, MD, David A	Berka	CREIGHTON JR, MD, Daniel K	Mifflin-Juniata	DACOSTA, MD, Joao B	Allegheny
COLEMAN, MD, Ernest H	Centre	COPE, MD, Donald I	Butler	CRESSON, MD, Samuel L	Philadelphia	DACZKOWSKI, DO, Dolores V	Philadelphia
COLEMAN, MD, Thomas H	Lackawanna	COPE, MD, Edwin S	Carbon	CRETEKOS, MD, Constantina J	Allegheny	DAFTARY, MD, Sudhir R	Lawrence
COLETTA, MD, Daniel J	Bucks	COPE, MD, Frederick T	York	CRETELLA, MD, Thomas S	Columbia	DAGEN, MD, J Edward	Cumberland
COLUZZO, MD, Frank P	Lackawanna	COPELAN, MD, Harbert W	Philadelphia	CREW, MD, Robert S	Philadelphia	DAGOSTINO, MD, Frank J	Northampton
COLLER, MD, Daniel H	Dauphin	COPELAND, MD, Adrian D	Philadelphia	CRIBBS, MD, Richard M	Westmoreland	DAGOSTINO, MD, Valantino	Philadelphia
COLLEY, MD, Altrad L	Philadelphia	COPELAND, MD, Charles E	Allegheny	CRIDEN, MD, Louis E	Delaware	DAIBER, DO, William K	Monroe
COLLINS JR, MD, James A	Montour	COPELAND, MD, Jay S	Allegheny	CRIDER, MD, Donald B	Blair	DAIELLO, MD, David C	Barks
COLLINS JR, MD, Richard F	Allegheny	COPELAND, MD, Nathaniel H	Philadelphia	CRIEP, MD, Leo H	Allegheny	DAIL, MD, Eric M	Erie
COLLINS, MD, Clyde A	Lackawanna	COPPERMAN, MD, Gertruda	Philadelphia	CRILL, MD, Norman C	Lancaster	DAILEY, MD, Edward G	Dauphin
COLLINS, MD, Haydn B	Northampton	COPPES, MD, Charles D	Philadelphia	CRISANTI, MD, John W	Clinton	DAILEY, MD, Harry R	Allegheny
COLLINS, MD, Lawrence A	Allegheny	COPPOLINO, MD, John F	Philadelphia	CRISCITELLO, MD, Ronald P	Allegheny	DAINIUS, MD, Altonas	Luzerne
COLLURA, MD, Paul T	Cumberland	COPPOLO JR, MD, Bernard L	Indiana	CRISPEN, MD, James F	Dauphin	DAIT, MD, Joas E	Carbon
COLMENAR, MD, Antonio B	Philadelphia	COPPOLO, MD, Barnard L	Elk-Cameron	CRISPEN, MD, John W	Adama	DAITER, MD, Doneld	Philadelphia
COLOMBO, MD, James L	Dalawara	CORPULA, MD, Robert J	Washington	CRISPINO, MD, Richard D	Dauphin	DAJANI, MD, Tahir A	Armstrong
COLOMEDA, MD, Regio S	Montgomery	CORAZZA, MD, Leo J	Luzerna	CRIST, MD, Guy C	Dauphin	DAKIN, MD, Theodora P	Westmoreland
COLOSI, MD, Nicholas A	Montgomery	CORBA, MD, Joseph S	Allegheny	CRISTOL, MD, David S	Philadelphia	DALE II, MD, Leonard E	Tioga
COLTMAN, MD, Arthur B	Philadelphia	CORBET, MD, Roland H	Venango	CRISWELL, MD, Samuel W	Lehigh	DALE JR, MD, Hiram T	Northampton
COLTON 5TH, MD, Sabin W	Montgomery	CORBETT, DO, Lawranca E	Clarion	CRITS, MD, Harry J	Montgomery	DALE, MD, Anthony D	Philadelphia
COLTON, MD, Nathan H	Philadelphia	CORBETT, MD, John M	Lawrence	CRITTENDEN, MD, Donald W	Bucks	DALE, MD, Thompson	Centre
COLVIN, MD, Victor G	Bedford	CORCINO JR, MD, Baltazar L	Clearfield	CRITTENDEN, MD, George B	Erie	DALESSANDRO, MD, Robert E	Lehigh
COMER, MD, Nathan L	Philadelphia	CORCORAN, MD, Albert W	Allaghamy	CRITTENDEN, MD, Jamaica O	Allegheny	DALEY, MD, Marvin C	Lancaster
COMESS, MD, Raymond R	Berka	CORCORAN, MD, Jamaica	Armstrong	CROCKETT, MD, Barbara A	Delaware	DALLABRIDA, MD, Marguerita R	Northumberland
COMISKEY, DO, Walter M	Philadelphia	CORCORAN, MD, John J	Lancaster	CROLEY, MD, James T	Schuylkill	DALONZO, MD, Walter A	Philadelphia
COMSTOCK, MD, Lloyd K	Allegheny	CORDAS, DO, Michael	Northumberland	CROLL, MD, Millard N	Philadelphia	DALRYMPLE, MD, W Howard	Delawara
CONAHAN JR, MD, Joseph B	Monroe	CORDERO, MD, Edgar C	Allegheny	CROMPTON, MD, Richard E	Luzarne	DALTON, MD, John R	Philadelphia
CONAHAN, MD, Bernard O	Bucks	CORDERO, MD, Diego R	Armstrong	CRONIN, MD, Dennis W	Philadelphia	DALY JR, MD, James F	Dauphin
CONAHAN, MD, Thomas J	Luzerne	CORDEBA, MD, Diego R	Philadelphia	CRONKEY, MD, Joseph E	Lackawanna	DALY, MD, Christopher J	Allegheny
CONCILUS, MD, Frank	Allegheny	COREN, MD, Gary S	Luzerne	CRONLUND, MD, Philip R	Montgomery	DALY, MD, David G	Berka
CONDON, MD, Robert H	Delawara	COREY, MD, Peter J	Philadelphia	CROSS JR, MD, Samuel	Armstrong	DAMAND, MD, Christopher	Philadelphia
CONDON, MD, Brian P	Lancaster	CORFF, MD, Meyer	Philadelphia	CROSS, MD, Albert J	Lackawanna	DAMATO, MD, Samuel L	Lancaster
CONE, MD, Alexander S	Allegheny	CORMAN, MD, Lav A	Cantra	CROSS, MD, Raquel	Erie	DAMAZO, MD, Elpidio D	Beaver
CONGEDO, MD, Carol Z	Allegheny	CORMAN, MD, Paul M	Allegheny	CROTEAU, MD, J Rusaall	Dauphin	DAMAZO, MD, Netwidio S	Allegheny
CONKLIN, MD, James E	Allegheny	CORNES, MD, Claon L	Philadelphia	CROTHERS, MD, W Gifford	Delawara	DAMESHEK, MD, H Lae	Chasler
CONKLIN, MD, Stanley D	Bradford	CORNFIELD, MD, Dennis B	Montgomery	CROUSE, MD, George W	Westmoreland	DAMIANO, MD, Robert E	Philadelphia
CONKLIN, MD, William T	York	CORNISH, MD, James W	Allegheny	CROVATTO, MD, Arthur C	York	DAMJANOV, MD, Ivan	Marcer
CONLEY, MD, Thomas E	Philadelphia	CORNMAN 3RD, MD, Henry D	Allegheny	CROWLEY, MD, Patricia A	Allegheny	DAMORE, MD, David L	Philadelphia
CONLIN, MD, Edward F	Mercer	COROSO, MD, Joseph G	Allegheny	CROYLE, MD, Ray W	Westmoreland	DAMSKER, MD, Jeffrey I	Philadelphia
CONLON, MD, Francis W	Allegheny	CORPUZ JR, MD, Marcalo B	Allegheny	CRUCIANI JR, MD, Dominick A	Allegheny	DANA JR, MD, Alan S	Philadelphia
CONLY JR, MD, Samuel S	Philadelphia	CORRADO JR, MD, Albert V	Fayette	CRUDO, MD, Chito M	Lackawanna	DANCA, MD, Allred F	Luzerne
CONN, MD, Howard F	Fayette	CORRADO, MD, Cataldo	Fayette	CRUFF, MD, George E	Fayette	DANDREA, MD, Raymond L	Cambria
CONN, MD, S Hall	Philadelphia	CORRAL, MD, Celestino F	Allegheny	CRUM, MD, George E	Philadelphia	DANEHOWER, MD, William F	Philadelphia
CONN, MD, William V	Allegheny	CORRIGAN, MD, Dominic F	Montgomery	CRUMAY, MD, Hugh M	Allegheny	DANGELO, MD, Carl F	Lehigh
CONNAUGHTON, MD, James F	Chester	CORSELLO, MD, Guy R	Luzerne	CRUMRINE, MD, Norman R	Dauphin	DANGILO, MD, George J	Erie
CONNAUGHTON, MD, Patrick N	Lancaster	CORSELLO, MD, Whitney C	Allegheny	CRUMRINE, MD, Richard S	Baavar	DANGIO, MD, Giulio J	Philadelphia
CONNELL, MD, Janet T	Chester	CORSON, MD, Geoffrey A	Dauphin	CRUZ JR, MD, Moises A	Pottar	DANIELE, MD, Joseph O	Erie
CONNELLY, MD, Jehue R	Fayette	CORSON, MD, Hampton P	Cambria	CRUZ, MD, Alexander C	Montgomery	DANIELS, MD, Dan	Jaffaraon
CONNELLY, MD, Michael E	Mercer	CORSON, MD, Joseph K	Philadelphia	CRUZ, MD, Alice M	Greens	DANIELS, MD, Roger B	Philadelphia
CONNER, MD, George H	Lebanon	CORSON, MD, Staphan L	Philadelphia	CRUZ, MD, Edgardo S	Lehigh	DANIS, MD, Martha J	Philadelphia
CONNER, MD, J Hubert	Delawara	CORSON, MD, Thomas C	Columbia	CRUZ, MD, Rogelio A	Erie	DANISHANKO, MD, Albert G	Luzerne
CONNER, MD, Kenneth B	Dauphin	CORTES JR, MD, Candido T	Crawford	CRUZ, MD, Trinidad T	Greana	DANKMYER, MD, Fradrick L	Schuylkill
CONNERTON, MD, George E	Montgomery	CORTEZA, MD, Benjamin W	Columbia	CRUZ, MD, Theodore H	Franklin	DANKO, MD, Eugana T	Allegheny
CONNOLLE, MD, John F	Schuylkill	CORTINOVIS, MD, Charles R	Washington	CRYSTAL, MD, Harry	Berka	DANN, MD, Herbert A	Venango
CONNOLLY JR, MD, John M	Bucks	CORTIVASCE, MD, Joseph M	Philadelphia	CRYSTLE, MD, C Daans	Lancaster	DANNEKER, MD, Dala A	Centre
CONNOLLY, MD, David P	Allegheny	CORWIN, MD, Douglas T	Washington	CSIKOS, MD, David A	Cambrisa	DANNENBURG, MD, Arthur M	Philadelphia
CONNOR, DO, Joseph P	Philadelphia	COSSROW, MD, Joal I	Beaver	CSIR, MD, Floyd M	Erie	DANOFF, MD, Barbara F	Philadelphia
CONNOR, DO, Janetta V	Philadelphia	COSTA, MD, Frank	Allegheny	CUBE, MD, Aurora P	Someraat	DANOFF, MD, David M	Montgomery
CONNOR, MD, Edward H	Crawford	COSTA, MD, Joas M	Jafferson	CUBE, MD, Henry M	Somaraet	DANOFF, MD, Mika	Allegheny
CONNOR, MD, Robert W	Montgomery	COSTA, MD, Ronald E	Huntingdon	CUBLE, MD, Edward W	Schuylkill	DANOWSKI, MD, Thaddeus S	Allegheny
CONNOR, MD, Susan A	Clarion	COSTAMAGNA, MD, Hector H	Allegheny	CUCINOTTA, MD, Salvatora	Philadelphia	DANTINI JR, MD, Daniel C	Allegheny
CONNORS JR, MD, Earl K	Bucks	COSTANZA, MD, Agatha H	Northampton	CUCKLER, MD, John M	Philadelphia	DANTONIO, MD, James A	Allegheny
CONRAD, MD, Donald C	Dauphin	COSTELLO, MD, Ralph M	Westmoreland	CUDEBACK, MD, Thomas J	Allegheny	DANYO, MD, J Joseph	York
CONRAD, MD, Joe E	Schuylkill	COTLER, MD, Jeroma M	Philadelphia	CUDDEY, MD, Vincent D	Allegheny	DANZI, MD, Joseph T	Bradford
CONRAD, MD, James L	Bucks	COTTER, MD, Ralph E	Allegheny	CUISON, MD, Navora	Beaver	DANZIS, DO, Jeffrey J	Bucks
CONRADY, MD, William E	Beaver	COTTINGTON, MD, Gordon M	Butler	CUISON, MD, Sergio Q	Philadelphia	DARKES, MD, William F	Schuylkill
CONROY, DO, James F	Philadelphia	COTTLE, MD, Betty L	Blair	CULBERSON, MD, John D	Pottar	DARNELL, MD, Richard I	Bucks
CONROY, MD, John J	York	COTTLE, MD, Harold R	Blair	CULBERTSON, MD, Clayton E	Washington	DARON, MD, Andrew M	Lycoming
CONROY, MD, Joseph V	Philadelphia	COTTONE, MD, Benjamin J	Lackawanna	CULF, MD, Norris K	Philadelphia	DAROWISH, DO, Charles E	Dauphin
CONSTABLE, MD, G Robert	Delaware	COTTRELL, MD, David C	Philadelphia	CULLEY, MD, Andrew W	Cantra	DAS, MD, Nirode C	Luzerne
CONSTANTINIDI, MD, Sanda M	Marcer	COTTRELL, MD, John C	Berks	CULOTTA, MD, Dominic A	Baavar	DASCHER JR, MD, John J	Montgomery
CONSTANTINO JR, MD, Abreham A	Allegheny	COUCH, MD, F Boyd	Westmoreland	CULP, MD, Robert T	Bucks	DASHE, MD, Myar M	Berka
CONTE, MD, Anthony A	Baavar	COULTER, MD, Bonna B	York	CULYBA, MD, Michael J	Vanango	DASTUR, MD, Khurshad J	Allegheny
CONTE, MD, Robert R	Westmoreland	COULTER, MD, Clinton R	Clarion	CUMMINGS, MD, Clarence W	Beaver	DATTA, MD, Tapan D	Allegheny
CONTINO, MD, John A	Delaware	COURSON, MD, David B	Lancaster	CUNNINGHAM, MD, James G	Allegheny	DATTOLO, MD, James T	Allegheny
CONTRACTOR, MD, Farhad M	Allegheny	COURTNEY, MD, Drew E	Lebanon	CUNIN, MD, Harry L	Lehigh	DATTNER, MD, Herman B	Luzerne
CONVERSE, MD, Allan D	Chester	COURTNEY, MD, William B	Westmoreland	CUNNINGHAM, MD, John R	Allegheny	DAUE JR, MD, Edwin O	Dauphin
CONWAY 3RD, MD, John W	Allegheny	COVALLA, MD, George C	Clearfield	CUNNINGHAM, MD, William L	Erie	DAURIA, MD, Thomas M	Fayette
CONWAY, MD, Cyril F	Jefferson	COVALLA, MD, John R	Clearfield	CUPPLE, MD, Peter P	Washington	DAVENPORT, MD, Arthur B	Wyoming
CONWELL JR, MD, Francis L	Lebanon	COVERDALE III, MD, Edward J	Bucks	CURANZY, MD, Raymond R	Lackawanna	DAVID, MD, Mitchell	Philadelphia
COODLEY, MD, Eugene L	Philadelphia	COVERDALE, MD, Edward J	Bucks	CURCI, MD, Joseph J	Allegheny	DAVIDES, MD, Kyriakos C	Allegheny
COOK, MD, Donald H	Dalawara	COVEY, MD, John K	Centre	CURCIO, MD, Mary R	Labanon	DAVIDSON JR, MD, William R	Lebanon
COOK, MD, David R	Allegheny	COWAN, MD, Thomas W	Allegheny	CURLIK, DO, Sharon M	Bucks	DAVIDSON, MD, Jay H	Philadelphia
COOK, MD, Richard P	Philadelphia	COWEN, DO, Stephen P	Allegheny	CURRAN, MD, Marilyn R	Delaware	DAVIDSON, MD, Michael J	Philadelphia
COOK, MD, Ralph W	Fayette	COWITZ, MD, Bernard	Philadelphia	CURRIE, MD, Philip W	Montgomery	DAVIDSON, MD, Paul R	Lancaster
COOK, MD, William L	Delawara	COWLEY, MD, Allen W	Dauphin	CURRIE, MD, Richard J	Westmoreland	DAVIDSON, MD, Steven J	Philadelphia
COOKE JR, MD, Alfred J	Lancaster	COX, DO, Fred A	Centre	CURRY JR, MD, William O	Philadelphia	DAVIDSON, MD, Wallaca L	Montgomery
COOKE, MD, Nora	Cumberland	COX, MD, James A	Philadelphia	CURRY, MD, Joseph L	Montour	DAVIE, MD, Frank M	Westmoreland
COOLER, MD, Stewart	Philadelphia	COX, MD, Paul A	Fayette	CURRY, MD, Samuel O	Northampton	DAVIES, MD, Thomas E	Tioga
COONEL, MD, Pauline	Philadelphia	COYLE, MD, John J	Luzerne	CURRY, MD, Thomas A	Dauphin	DAVIS JR, MD, Edward T	Beaver
COOPER III, MD, Herbert K	Lancaster	COYLE, MD, Patrick J	Allegheny	CURTIN, MD, Charles T	Schuylkill	DAVIS JR, MD, Robert V	Lackawanna
COOPER JR, MD, E Newbold	Dalawara	COYLE, MD, Robert M	Philadelphia	CURTIN, MD, Eugene A	Lackawanna	DAVIS JR, MD, Rollin V	Allegheny
COOPER JR, MD, Herbert K	Lancaster	COYLE, MD, Sophia J	Allegheny	CURTIN, MD, Jerome E	Westmoreland	DAVIS, MD, C Nolson	Philadelphia
COOPER JR, MD, Paul N	Allegheny	COYLE, MD, William A	Allegheny	CURTIN, MD, John J	Philadelphia	DAVIS, MD, David	Lehigh
COOPER, MD, Barry R	Montgomery	COYNE, MD, Richard J	Delaware	CURTIS JR, MD, Arthur W	Philadelphia	DAVIS, MD, Duana E	Montour
COOPER, MD, Donald R	Philadelphia	COYNE, MD, Veronica Z	Bucks	CURTIS, MD, James L	Marcer	DAVIS, MD, David M	Montgomery
COOPER, MD, David R	Luzerne	COZINE, MD, Richard A	Lycoming	CUSHING, MD, William J	Montour	DAVIS, MD, Ezer H	Allegheny
COOPER, MD, Edward I	Philadelphia	COZZA JR, MD, Michael R	Allegheny	CUSTER, MD, Richard P	Allegheny	DAVIS, MD, Earle R	Allegheny
COOPER, MD, Emmett M	Lancaster	COZZARELLI, MD, James D	Montgomery	CUSTODIO, MD, Edgardo C	Philadelphia	DAVIS, MD, Edward W	Montgomery
COOPER, MD, Edward S	Schuylkill	CRAFT, MD, Robert E	Berks	CUTLER, MD, Charles	Lehigh	DAVIS, MD, George B	Luzerne
COOPER, MD, Herold B	Luzarne	CRAIG, MD, H Robert	Mercer	CUTLER, MD, Irvin	Montgomery	DAVIS, MD, Grover T	Beaver
COOPER, MD, Helan C	Philadelphia	CRAIG, MD, Paul C	Berka	CUTLER, MD, Neil	Philadelphia	DAVIS, MD, Harrial J	Bucks
COOPER, MD, Harry S	Erie	CRAIG, MD, Richard A	York	CUTLER, MD, Robert S	Chester	DAVIS, MD, H Robert	Cumberland
COOPER, MD, Homi S	Montgomery	CRANE, MD, Richard F	Beaver	CUTRY, MD, Joseph J	Pottar	DAVIS, MD, Irena B	Lancaster
COOPER, MD, Jeffrey	Allegheny	CRANE, MD, Roger H	Philadelphia	CUTULY, MD, Eugene	Allegheny	DAVIS, MD, John C	Crawford
COOPER, MD, Jeanne A	Luzerne	CRAMP, MD, Robert H	Philadelphia	CWIK, MD, John C	Allegheny	DAVIS, MD, John G	Allegheny
COOPER, MD, Joseph E	Delaware	CRAMER, MD, Bernard S	Allegheny	CYNN, MD, Won S	Cambria	DAVIS, MD, James H	York
COOPER, MD, Joseph H	Philadelphia	CRAMER, MD, George E	Berka	CZARNECKI, MD, Casimir	Philadelphia	DAVIS, MD, James K	Cambria
COOPER, MD, Jean W	Lycoming	CRAMP, MD, Lloyd L	Luzerne	CZARNECKI, MD, Dorothy G	Philadelphia	DAVIS, MD, J Moatyn	Montour
COOPER, MD, Kenneth L	Philadelphia	CRAMPTON, MD, David C	Berka	CZARNECKI, MD, Nancy S	Philadelphia	DAVIS, MD, James S	Allegheny
COOPER, MD, Martin	Philadelphia	CRANE, MD, A Reynolda	Luzerne	CZAWALINA, DO, Robert	Luzerne	DAVIS, MD, John W	Philadelphia
COOPER, MD, Max M	Montgomery	CRAPARO, MD, Thomas J	Lackawanna			DAVIS, MD, Lawrence W	Philadelphia
COOPER, MD, Murray S	Allegheny	CRAVETZ, MD, Howard	Philadelphia			DAVIS, MD, Murray C	Tioga
COOPER, MD, William M	Philadelphia	CRAWFORD, MD, Carolyn S	Montgomery			DAVIS, MD, Norman	Allegheny
COOPERMAN, MD, Michael T	Philadelphia						
COOPERSTEIN, DO, Mark S	Lancaster						

DAVIS, MD, Richard A	Philadelphia	DEMARCO, MD, Salvatore G	Northampton	DICKSON, MD, James A	Franklin	DONALD, MD, Delmar J	Montgomery
DAVIS, MD, Raymond C	Susquehanna	DEMASI, MD, Pantaleone	Philadelphia	DICKSON, MD, Robert L	Philadelphia	DONALDSON, MD, David H	Allagheny
DAVIS, MD, Robert E	Allagheny	DEMASI, MD, Rocco J	York	DICKSTEIN, MD, Benjamin	Philadelphia	DONALDSON, MD, James B	Philadelphia
DAVIS, MD, Robert M	Allagheny	DEMEDIO, MD, Gabriel A	York	DICOLA, MD, Nancy M	Allagheny	DONALDSON, MD, James O	Butler
DAVIS, MD, Sidney	Union	DEMICHELE, MD, Joseph	Philadelphia	DICUCCIO, MD, Nicholas W	Clinton	DONALDSON, MD, John S	Allagheny
DAVIS, MD, Stuart M	Tioga	DEMIRANDA, MD, Edward G	Chaster	DICUCCIO, MD, William A	Butler	DONALDSON, MD, William F	Allagheny
DAVIS, MD, Tye G	Chester	DEMKO, MD, Joseph N	Lackawanna	DIDDLE, MD, Kenneth W	Westmoreland	DONAN, MD, Anderson W	Mercer
DAVIS, MD, Thomas G	Philadelphia	DEMLOWICZ, MD, Maria W	Westmoreland	DIDIO, MD, Francesco P	Philadelphia	DONATO, MD, Robert A	Philadelphia
DAVIS, MD, Thomas P	Franklin	DEMMY, MD, Marilyn R	Barks	DIDONATO, MD, Richard R	Huntingdon	DONCASTER, MD, Richard M	Westmoreland
DAVIS, MD, Thomas S	Dauphin	DEMOURA, MD, Jamilo B	Philadelphia	DIETHL, MD, Gilbert H	Mercer	DONEKER, MD, Thomas G	Northampton
DAVIS, MD, William L	Franklin	DEMPSEY, MD, Eugene C	Philadelphia	DIETHL, MD, William H	Lebanon	DONER, DO, Ivan A	Philadelphia
DAVIS, MD, William S	Dauphin	DEMPSEY, MD, James G	Lackawanna	DIENER, MD, Ian L	Montgomery	DONGELL JR, MD, Robert J	Blair
DAVISON, MD, Francis W	Montour	DENPSHER, MD, John	Chester	DIENHART, MD, Karl J	Bradford	DONLY, MD, Donovan L	Berks
DAVISON, MD, William R	Cambria	DEMUTH JR, MD, William E	Cumberland	DIESS, MD, Robert G	Butler	DONMOYER, MD, Theodore L	Lehigh
DAVITCH, MD, Leonard S	Philadelphia	DENBY, MD, Robert A	Barks	DIETEMAN, MD, David F	Erie	DONNELLY III, MD, Edward J	Allagheny
DAW, MD, William J	Luzerne	DENCH JR, MD, Edward H	Lahigh	DIETRICH, DO, Leonard M	Berks	DONNELLY JR, MD, Joseph C	Berks
DAWERT, MD, Francis	Lackawanna	DENGLER, MD, Ernest H	Montgomery	DIETRICH, MD, Wallace C	Allagheny	DONNELLY, MD, Celeste C	Philadelphia
DAWSON, MD, Raase E	Allagheny	DENIRMAL, MD, K	Philadelphia	DIETRICH, MD, Warren C	Northampton	DONNELLY, MD, John M	Philadelphia
DAWSON, MD, William N	Allagheny	DENIZARD, MD, Carl E	Philadelphia	DIETRICH, MD, William S	Dauphin	DONNER, MD, William T	Montgomery
DAY, MD, James H	Allagheny	DENK, MD, Mary W	Lackawanna	DIETRICK, MD, Ronald A	Blair	DONOFRIO, MD, Patsy A	Westmoreland
DCRUZ, MD, Joseph F	Blair	DENLINGER, MD, John K	Lancaster	DIETTINGER, MD, Frank G	Armstrong	DONOFRIO, MD, Romao R	Chester
DEACH, MD, Robert A	Berks	DENLINGER, MD, Lea E	Vanango	DIEZ, MD, Charles M	Allagheny	DONOVAN JR, MD, John A	Union
DEAN, MD, Robert J	Allagheny	DENNEHY, MD, John J	Montour	DIGIACOMO JR, MD, Philip J	Montgomery	DONOVAN, MD, Francis C	Allagheny
DEAN, MD, Vernon E	Crawford	DENOYA, MD, Robert J	Butler	DIGIACOMO, MD, Altrad M	Delaware	DONOVAN, MD, John J	Allagheny
DEANTONIO, MD, John E	Lackawanna	DENTON, MD, Clarence	Philadelphia	DIGIACOMO, MD, Oscar P	Philadelphia	DONOVAN, MD, J Ward	Dauphin
DEARDORFF, MD, Charles L	Lancaster	DENVER, MD, Stanley D	Allagheny	DIGIACOMO, MD, Paul R	Lebanon	DONOVAN, MD, Robert J	Philadelphia
DEAS, MD, Thomas C	Philadelphia	DEOCERA, MD, Rodolfo M	Bucka	DIGILIO, MD, Victor A	Philadelphia	DONOVAN, MD, Robert J	Allagheny
DEBBAS, MD, Joseph N	Philadelphia	DEOL, MD, Jasbir S	Northampton	DIGIOVANNI, MD, Alphonse J	Philadelphia	DONOVAN, MD, Robert S	Berks
DEBENEDICTIS, MD, Kenneth J	Dalawara	DEORSAY, MD, Ralph H	Dalawara	DIGIOVANNI, MD, Anthony J	Dalawara	DOO, MD, Gerald K	Adams
DEBERARDINIS, MD, Camillo T	Luzerna	DEPASUALE, MD, Sam C	Luzerna	DIGIOVANNI, MD, Robert J	Delaware	DOOLEY, MD, Michael B	Chester
DEBLASIO, MD, Silvio H	Allagheny	DEPAULA, MD, Carl J	Philadelphia	DILCHER, MD, Robert H	Delaware	DORASAVAGE, MD, William C	Schuylkill
DEBOER, MD, John L	Lehigh	DEPRISCO, DO, John	Philadelphia	DILEO, MD, Dominic W	Lehigh	DORAZIO, MD, Dominick J	Lancaster
DEBONIS, MD, Charles S	Fayette	DEPROPHETIS, MD, Rocco I	Delaware	DILEO, MD, Frank J	Lehigh	DORAZIO, MD, Edward A	Philadelphia
DEBONIS-BASILE, MD, Maryellen	Delaware	DEQUEVEDO, MD, Robert F	Delaware	DILBERTO, DO, Thomas A	Delaware	DORFMAN, MD, Alan M	Philadelphia
DECASTRO, MD, Nieves D	Allagheny	DERASSE, MD, Alan R	Allagheny	DILLINGER, MD, Ellen M	Allagheny	DORFMAN, MD, Murray L	Dalawara
DECESARE, DO, Raymond C	Monroe	DERENZO, MD, Aurelio G	Philadelphia	DILLON, MD, Daniel J	Allagheny	DORIAN, MD, Alan L	Montgomery
DECHERNEY, MD, William A	Philadelphia	DEREWITZ, MD, Daniel L	York	DILLON, MD, Richard S	Montgomery	DORKO, MD, Carl J	Dauphin
DECHTER, MD, Joseph M	Allagheny	DERHAM, MD, Robert J	Philadelphia	DIMAGGIO, MD, Olivia T	Philadelphia	DORMAN, MD, Franklin L	Allagheny
DECK JR, MD, Roy	Lancaster	DERIENZO, MD, Umberto A	Washington	DIMARCO, MD, Ross F	Allagheny	DORMAN, MD, Gordon	Philadelphia
DECKER, MD, John P	Philadelphia	DERIVAS, MD, Carmala F	Montgomery	DIMASI, DO, Robert E	Erie	DORNBLASER, MD, George B	Luzerne
DECKER, MD, Steven E	Montgomery	DEROY, MD, Mayar S	Allagheny	DIMICK, MD, Dean F	Lehigh	DORNENBURG, MD, James R	Allagheny
DECOLLI, MD, Joseph A	Chester	DERR, MD, Fradrick S	Union	DIMILILER, MD, Ismail	Northumberland	DORNSTEIN, MD, Parry I	Philadelphia
DECURTIS, MD, George M	Luzerne	DERR, MD, Russell H	Lancaster	DIMINO, DO, Joseph M	Montgomery	DORSCH JR, MD, Raymond M	Lebanon
DEE, MD, Cecilio C	Mckean	DERRICK, MD, Bruce M	Philadelphia	DIMITSOPULOS, MD, Dmitri	Allagheny	DORSEY, MD, James T	Lehigh
DEE, MD, William F	Allagheny	DERSH, MD, Jerome	Barks	DIMUN, MD, Michael F	Allagheny	DORTCH, MD, Joseph	Philadelphia
DEEB, MD, Ramon J	Montgomery	DERSHAW, MD, Samuel	Philadelphia	DINCER, MD, Kemal	Montgomery	DORTORT, DO, Arthur J	Clarion
DEES-PORCH, MD, Frances	Delaware	DERSTINE, MD, Ralph L	Montgomery	DINEEN, MD, Francis A	Allagheny	DORTT, MD, Fabio L	Northampton
DEFRANCO, MD, Joseph M	Erie	DESAI, MD, Arvind D	Schuylkill	DINCOLA, MD, Arthur N	Allagheny	DORWARD, MD, Bonnie B	Philadelphia
DEGENNARO, MD, Louis P	Lackawanna	DESAI, MD, Arundev D	Allagheny	DINMAN, MD, Bertram D	Allagheny	DOSHI, MD, Kokila D	Philadelphia
DEGENNARO, MD, Patrick J	Luzerne	DESAI, MD, Anil G	Lackawanna	DINON, MD, Louis R	Philadelphia	DOSHI, MD, Kirti K	Philadelphia
DEGREEN, MD, Hyatt P	Lancaster	DESAI, MD, Anusya M	Philadelphia	DINSMORE, MD, Harry H	Jefferson	DOSHI, MD, Narendra S	Allagheny
DEGREGORIO, MD, Nicholas	Montgomery	DESAI, MD, Ajit M	Philadelphia	DINULOS, MD, Baltazar T	Dauphin	DOSSETT, MD, John H	Dauphin
DEGREGORY, DO, Thomas R	Westmoreland	DESAI, MD, Jitendra M	Allagheny	DION, MD, Harry S	Philadelphia	DOTO JR, MD, Joseph B	Northampton
DEGUZMAN, MD, Brigida	Philadelphia	DESAI, MD, Kiritkumar T	Philadelphia	DIORIO, MD, James P	Luzerna	DOTSEY, MD, Michael T	Clearfield
DEGUZMAN, MD, Rudolfo L	Berks	DESAI, MD, Mohan G	Montgomery	DIORIO, MD, Norina M	Luzerne	DOTTREWAY, MD, Blanche E	Westmoreland
DEHAAS, MD, David R	Washington	DESAI, MD, Shirishkumar B	Greene	DIPASUALE, DO, Urban D	Montgomery	DOTTOR, MD, Albinka J	Lehigh
DEHORATIUS, MD, Raphael F	Philadelphia	DESAI, MD, Saryu J	Allagheny	DIRENZO, MD, Enrico J	Bucks	DOUDS, MD, H Eugene	Beaver
DEHORATIUS, MD, Raphael J	Philadelphia	DESAI, MD, Sarla M	Mercer	DIRENBERGER, DO, Thomas J	Schuylkill	DOUDS, MD, Howard N	Allagheny
DEIBERT, MD, David C	Berks	DESANCTIS JR, MD, Joseph J	Philadelphia	DIROCCO, MD, Vincent P	Philadelphia	DOUGHERTY, MD, Edward S	Luzerne
DEIBERT, MD, Edward B	Northampton	DESANTIS, MD, Frank A	Blair	DISALVO, MD, Eugene I	Northampton	DOUGHERTY, MD, Francis M	Schuylkill
DEICHERT, MD, Robert G	Monroe	DESANTIS, MD, Archie J	Erie	DISHART, MD, Paul W	Philadelphia	DOUGHERTY, MD, Joseph J	Carbon
DEICHLER, MD, John W	Philadelphia	DESANTIS, MD, Donald	Delaware	DISHMAN, MD, Leonardo	Chester	DOUGHERTY, MD, Michael J	Dalawara
DEILY, MD, Raymond E	Northampton	DESANTIS, MD, Pater L	Mercer	DISICK, MD, Solomon	Centre	DOUGHERTY, MD, Malvin J	Philadelphia
DEIMEL, MD, Joseph F	Erie	DESHMUKH, MD, Narayan	Bradford	DISILVESTRO JR, MD, John M	Philadelphia	DOUGHERTY, MD, Ralph N	Allagheny
DEININGER, MD, Arthur G	Crawford	DESHANDE, MD, Sharadchandra,	Erie	DISILVESTRO, MD, Helen E	Philadelphia	DOUGLAS, MD, Donald D	Lycoming
DEININGER, MD, John T	Philadelphia	DESIATO, MD, Nicola	Philadelphia	DISILVIO, MD, Dominic N	Allagheny	DOUGLAS, MD, E Loranzo	Philadelphia
DEISHER, MD, Samuel W	Lackawanna	DESILVERIO, MD, Robert V	Montgomery	DISLVIO, MD, Thomas V	Lackawanna	DOUGLASS, MD, Paul H	York
DEITCH, MD, Bernard	Erie	DESIMONE, MD, Gregory G	Delaware	DISTEFANO, MD, Berardino	Erie	DOUPE, MD, David W	Erie
DEITCH, MD, Marc W	Philadelphia	DESIMONE, MD, John S	Westmoreland	DISTEFANO, MD, Grimaldo C	Philadelphia	DOVEY, MD, William C	Franklin
DEITRICK JR, MD, George A	Northumberland	DESJARDINS JR, MD, George P	Barks	DITMARS, MD, Douglas D	Northampton	DOVNARSKY, MD, James H	Philadelphia
DEITRICK, MD, John E	Luzerna	DESJARDINS, MD, George P	Berks	DITTMAR, MD, Thomas H	Luzerna	DOVYDAITIS, MD, Romas	Montour
DEITRICK, MD, Richard E	Franklin	DESOUZA, MD, Lincoln M	Indiana	DITTMAR, MD, Stuart W	Franklin	DOWDELL, MD, Paul J	Mercer
DEITZ 3RD, MD, George W	Philadelphia	DESPREZ, MD, Renkert J	Philadelphia	DITTRICH, DO, Richard J	Philadelphia	DOWLING, MD, John J	Philadelphia
DEITZLER, MD, Margaret M	Philadelphia	DESSEN, MD, Edward	Philadelphia	DITUNNO, MD, John F	Philadelphia	DOWNES, MD, John J	Philadelphia
DEJESUS JR, MD, Roman Y	Beaver	DESSEN, MD, Edgar L	Luzerna	DIWAN, MD, Kanta	Delaware	DOWNEY, MD, Joseph E	Washington
DEJESUS, MD, Robert	Westmoreland	DETRE, MD, Thomas	Allagheny	DIX JR, MD, Robert C	Union	DOWNEY, MD, Thomas R	Bradford
DEJOSEPH, MD, Robert L	Luzerne	DETUERK, MD, John J	Philadelphia	DIXIT, MD, Niranjan D	Fayette	DOWNE, MD, Robert W	Montgomery
DEKKER, MD, Andrew	Allagheny	DETULLIO, MD, Anthony E	Philadelphia	DIXON, MD, Harold L	Philadelphia	DOWNS, DO, Carolyn R	Bucks
DEKONING, MD, Johannes L	Blair	DEUTCHMAN, MD, Sandra S	Philadelphia	DIXON, MD, Robert E	Mifflin-Juniata	DOYLE, MD, Albert F	Cambria
DEKRUIF, MD, Hendrik	Crawford	DEUTSCH JR, MD, E Thomas	Chaster	DIXON, MD, Richard H	Centre	DOYLE, MD, Alfred P	Allagheny
DELACRUZ, MD, Apolinar D	Montgomery	DEUTSCH, MD, Joel	Philadelphia	DIZON, MD, Gaudencio S	Carbon	DOYLE, MD, Faye R	Chester
DELACRUZ, MD, Emmanuel A	Lackawanna	DEUTSCH, MD, Melvin	Allagheny	DJERASSI, MD, Isaac	Philadelphia	DOYLE, MD, Russell G	Chester
DELAITES, MD, Loratta M	Delaware	DEVAN, MD, W Todd	York	DLIN, MD, Barney M	Philadelphia	DRACOS, MD, Frank J	Monroe
DELANEY, MD, James H	Philadelphia	DEVEREUX, MD, Linda	Montgomery	DLUZANSKY, MD, James J	Philadelphia	DRAGAN, MD, George A	Allagheny
DELASALAS, MD, Ernasto M	Erie	DEVINE, MD, Jean K	Northumberland	DOBISH, MD, Michael J	York	DRAGANOSKY, MD, Eugene A	Bucks
DELAURENTIS, MD, Dominic A	Montgomery	DEVINE, MD, Michael F	Montgomery	DOBBLER, MD, James C	Allagheny	DRAGO, MD, Joseph R	Dauphin
DELAVERA, MD, Sofronio B	Allagheny	DEVINE, MD, Pater J	Philadelphia	DOBBLER, MD, Lee C	Allagheny	DRANOV, MD, Jonathan	Centre
DELCASTILLO, MD, Juan J	Northumberland	DEVINEY, MD, John P	Montgomery	DOBOSH, MD, George A	Northampton	DRAPER, MD, Nelle E	Philadelphia
DELEO, MD, Anthony G	Mifflin-Juniata	DEVITA, MD, Dennis M	Bucks	DOBROTA, MD, John S	Bucks	DRAPIEWSKI, MD, John F	Luzerne
DELEO, MD, Caesar A	Allagheny	DEVITA, MD, Michael L	Allagheny	DOBROWOLSKI, MD, Norbert F	Allagheny	DRAPIEWSKI, MD, Vincent A	Luzerne
DELEO, MD, Nicholas V	York	DEVITTORIO, MD, Armond A	York	DOCKTOR, MD, John W	York	DRASKOCZY, MD, Steven P	Blair
DELEON, MD, Manuel R	Delaware	DEVLIN, MD, Albert E	Delaware	DODD, MD, Stephen I	Mifflin-Juniata	DRATCH, MD, Michael B	Philadelphia
DELERME, MD, Augusto N	Blair	DEVLIN, MD, Joseph T	Dalawara	DODDS, MD, Harold T	Dalawara	DRATMAN, MD, Mary B	Philadelphia
DELGADO, MD, Juan F	Philadelphia	DEVRIES, MD, Jan R	Philadelphia	DODGE, MD, Herbert C	Philadelphia	DRAUCH, MD, Eugene W	Lehigh
DELGRIPPO, MD, Gerard A	Allagheny	DEWAR III, MD, William R	Allagheny	DOEBLER, MD, Robert W	Allagheny	DREER, MD, Aaron M	Philadelphia
DELGUERCIO, MD, Edmund T	Montgomery	DEWAR, MD, William R	Wayna-Pike	DOEFF, MD, Jan W	Montgomery	DREHER, MD, Robert H	Northampton
DELICH, MD, John P	Lahigh	DEX, MD, Walter J	Lahigh	DOENECKE, MD, Arthur L	Lancaster	DREIBELBIS, MD, William H	Centre
DELLABADIA, DO, Carl R	Philadelphia	DEYOUNG, MD, Edward M	Philadelphia	DOERING, MD, Andrew A	Montgomery	DREIFUS, MD, Leonard S	Philadelphia
DELLEVIGNE, MD, William M	Beaver	DHAGAT, MD, Satishchandre,	Beaver	DOFT, MD, Bernard H	Allagheny	DRENNEN JR, MD, James K	Butler
DELLINGER, MD, Woodrow S	Erie	DHALIWAL, MD, Ranjit S	Erie	DOHERTY, DO, John M	Dalawara	DRESSER JR, MD, Christopher J	Lackawanna
DELOGLOS, MD, Gust	Allagheny	DHAR, MD, Jyolana K	Dauphin	DOHERTY JR, MD, Henry J	Montgomery	DRESZER, MD, George L	Luzerne
DELONE JR, MD, Charles A	Dauphin	DHAWAN, MD, Ram L	Allagheny	DOHERTY JR, MD, John H	Lackawanna	DREW, MD, Francas L	Allagheny
DELONG JR, MD, William G	Philadelphia	DHAWER, MD, Virender P	Montgomery	DOHERTY, MD, Joseph C	Westmoreland	DREWEY, MD, Robert E	Clinton
DELONG, MD, Philip L	Lawrence	DHEEN, MD, Mohamed H	Lackawanna	DOHERTY, MD, John H	Berks	DREYFUS, MD, Richard	Erie
DELOZIER, MD, Joseph W	York	DIAKIW, MD, John	Leckawanna	DOHERTY, MD, Norman J	Berks	DREZNER, MD, Melcolm E	Bucks
DELP JR, MD, Charles W	Montgomery	DIAMOND, MD, B Franklin	Montgomery	DOLAN III, MD, James J	Clinton	DRINKER, MD, Henry M	Philadelphia
DELP, MD, Charles W	Schuylkill	DIAMOND, MD, Daniel L	Allagheny	DOLAN, MD, Charles V	Barks	DRISCOLL, DO, Robert W	Montgomery
DELP, MD, Richard U	Columbia	DIAMOND, MD, Sidney J	Delaware	DOLFMAN, MD, Victor	Philadelphia	DRISCOLL JR, MD, Richard H	Montour
DELP, MD, William T	York	DIAZ, MD, Florio P	Carbon	DOLINSKAS, MD, Carol A	Philadelphia	DRISCOLL, MD, Genevra Z	Montgomery
DELROSARIO, MD, Vivancio G	Dauphin	DIAZ, MD, Fildello T	Montgomery	DOLPHIN, MD, John M	Philadelphia	DRISCOLL, MD, Robert A	Erie
DELROSSI, MD, Anthony J	Philadelphia	DIAZ, MD, Rabacca A	Allagheny	DOMALESKI, MD, Altrad F	Potter	DRISCOLL, MD, Richard H	Carbon
DELSERONE, MD, Eugene W	Allagheny	DIBAGNO, MD, Geno J	Westmoreland	DOMAN, MD, Robert J	Dalawara	DRUCKEMILLER, MD, William H	Erie
DELUCA, MD, Charles Q	Philadelphia	DIBELLO, MD, Angelo M	Philadelphia	DOMANSKI, MD, John J	Philadelphia	DRUCKMAN, MD, Stephen M	Labanon
DELVECCIO JR, MD, Leonard M	York	DIBERT, MD, Lawrence W	Blair	DOMINGO, MD, Orville H	Delaware	DRUFFNER JR, MD, Lewis C	Lackawanna
DELVECCIO, MD, Leonard M	Berks	DICKENS, MD, Helen O	Philadelphia	DOMJANCIC, MD, John T	Delaware	DRUFFNER, MD, Charles R	Lackawanna
DEMARCO, MD, Carlo M	Philadelphia	DICKEY, MD, Robert F	Montour	DOMOLKY, MD, Merianne	Allagheny	DRUMHELLER, MD, John F	Erie
DEMARCO, MD, James C	Delaware	DICKINSON, MD, Pater A	Allagheny	DOMON, MD, Charles M	Philadelphia	DRY, MD, Frederick A	Lahigh
DEMARCO, MD, Joseph F	Montgomery	DICKSON JR, MD, Thomas B	Lehigh	DONAGHUE, MD, George L	Northampton	DUA, MD, Rup K	Allagheny
DEMARCO, MD, John J	Erie	DICKSON, MD, Glenn S	Philadelphia	DONAHOE, MD, Michael T	Franklin	DUANE, MD, Julia M	Bucks

DUANE, MD, Thome D	Northampton	ECKER JR, MD, Harbert A	Deuphin	ENGLE, MD, Harold H	Labenon	EZAKI, MD, Toahio	Lehigh
DUANGNET, MD, Chathree	Lewrence	ECKER, MD, Harbert A	Lycoming	ENGLE, MD, Joseph H	Franklin		
DUBB, MD, Jeffery W	Philadelpia	ECKER, MD, Melcolm L	Philedelphie	ENGLE, MD, Joseph H	Vanango		
DUBBINS, MD, Paul A	Philadelpia	ECKERT, MD, Robert T	Butler	ENGLE, MD, Rowland B	Philsdelpia	F	
DUBBS, MD, Allred W	Lehigh	ECKROTH, MD, Richard N	Labenon	ENGLISH, MD, James B	Blair	FABER, MD, Fraderick S	Dauphin
DUBEY, MD, Seroj K	Erie	EDBERG, MD, Senford H	Allaghany	ENGLISH, MD, Joseph G	Lycoming	FABER, MD, Kalmen	Philedelphia
DUBLIN, MD, George J	Philadelphia	EDDINGER, MD, Leo C	Lahigh	ENGLISH, MD, Lana M	Marcar	FABI, MD, Merio N	Lackawanne
DUBANSKY, MD, John E	Westmoreland	EDEIKEN, MD, Jeck	Philedelphie	ENGLISH, MD, O Spurgeon	Philsdelpia	FABIAN, MD, Relph G	Allaghany
DUCA, MD, Peter R	Philedelphie	EDELSTEIN, MD, Aba J	Cambria	ENGLISH, MD, Richard B	Luzerna	FABIANI, MD, Joseph A	Philedelphia
DUCHIN, MD, Hervy E	Philadelphia	EDELSTEIN, MD, Joal K	Philedelphie	ENGLISH, MD, Robert S	Fayette	FABINYI, MD, Geza T	Blair
DUCKETT JR, MD, John W	Philedelphie	EDELSTEIN, MD, Normen L	Allaghany	ENGSTROM, MD, Paul F	Philedelphie	FABIUS, MD, Reymond J	Philedelphie
DUCKETT, MD, Jemss E	Delaware	EDINGTON, MD, John M	Philedelphia	ENNIS, MD, Micheel F	Allaghany	FABRY, MD, Edwerd I	Allaghany
DUDA, MD, Andrew M	Berks	EDMISTON, MD, Robert B	Deuphin	ENRIQUEZ, MD, Terasis E	Allegheny	FACKLER, MD, Emerson F	Dauphin
DUDA, MD, John R	Philadelphia	EDMONSTON, MD, George F	Armstrong	ENSMINGER, MD, Chelmera D	Allegheny	FACKLER, MD, Emerson F	Dauphin
DUDECK, MD, Carl R	Butler	EDMUNDOWICZ, MD, Alphonse C	Deuphin	ENTERLINE, MD, Horelio T	York	FADIL, MD, Alexander E	Delaware
DUDEK, MD, William C	Philedelphie	EDMUNDS JR, MD, L Henry	Philedelphia	ENTINE, MD, Joseph H	Philedelphie	FAGER, MD, Cherlee B	Deuphin
DUDEHNOEFER, MD, Frederick J	Erie	EDUPUGANTI, MD, Subba R	Westmoreland	ENTWISTLE, MD, Nalaon L	Dauphin	FAGER, MD, Joseph S	Deuphin
DUCHIC, MD, Michael S	Montgomery	EDWARDS, MD, George E	Dauphin	ENYEART, MD, Hervy F	Westmoreland	FAGIOLETTI, MD, Robert J	Washington
DUERKSEN, MD, Roger L	Allaghany	EDWARDS, MD, John W	Allaghany	EPERJESSY, MD, Ernest Z	Cambria	FAHL, MD, James C	Monroe
DUFFY, MD, Clyde F	Allaghany	EDWARDS, MD, Mery D	Allaghany	EPISCOPIO, MD, Joseph V	Northampton	FAHMY, MD, Wasly F	Philedelphia
DUFFY, MD, Frederick C	Allaghany	EDWARDS, MD, William M	Allaghany	EPPINGER, MD, Mery A	Allegheny	FAILLA, MD, Jeck P	Allegheny
DUFFY, MD, Ruth E	Chester	EFFINGER, MD, Elin B	Philedelphia	EPSTEIN, MD, Herman	Allegheny	FAIRBROTHER, MD, Paul F	Dauphin
DUFFY, MD, Scott S	Berks	EFFINGER, MD, Gerold J	Philedelphia	EPSTEIN, MD, Isedore S	Philedelphie	FAIRFIELD, MD, Jamea C	Lancaster
DUGAN, MD, Robert B	Erie	EGAN, MD, Robert F	Bucks	EPSTEIN, MD, Robert S	Monroe	FAIRWEATHER, MD, Jack L	Union
DUGAN, MD, Thomaas M	Erie	EGBERT, MD, E Weyne	Blair	ERB JR, MD, William H	Delaware	FALBO, MD, Sento J	Lackewanna
DUGGAN JR, MD, Frenca J	Deuphin	EGER, MD, Sherman A	Delaware	ERB, MD, William H	Delaware	FALCO, MD, Frank G	Bucks
DUKE, MD, Bruce E	Cambria	EGERMAN, MD, Leonerd E	Allegheny	ERDMAN 2ND, MD, Williem J	Philedelphia	FALCONE, MD, Domanico	Lahigh
DUKER, MD, Daniel G	Allaghany	EGGLER, MD, Betsey A	Mifflin-Juniet	ERDMAN, MD, Robert M	Schuylkill	FALGUERA, MD, Dominador O	Delawera
DULABON, MD, David A	Erie	EGLESTON, MD, L Allen	Westmoreland	EREMUS, MD, Joseph L	Delaware	FALK JR, MD, Robert B	Lencester
DULABON, MD, George M	Allaghany	EGLOCK, MD, Paul G	Philedelphie	ERHARD, MD, Elmo E	Clearfield	FALK, MD, Arthur E	Montgomery
DULL, MD, James A	Westmoreland	EGOVILLE, MD, Cherlea R	Philedelphie	ERICKSEN, MD, Arthur N	Berks	FALK, MD, Edwerd C	Mercer
DUMAS, MD, Peter A	Philedelphia	EHLER, MD, Joen G	Allaghany	ERICKSON, MD, Eric R	Allegheny	FALKENBERG, MD, K Jorg	Bradford
DUMEYER, MD, Williem H	Blair	EHLRY, MD, George W	Cumberlind	ERICKSON, MD, Elmer W	Allegheny	FALKENSTEIN, MD, Sheldon J	Philedelphia
DUNBAR, MD, John C	Allaghany	EHRHART, MD, Kenneth W	York	ERICKSON, MD, Rey B	Clerion	FALL, MD, Micheel H	Blair
DUNCAN, MD, Gerfield G	Philedelphie	EHRHART, MD, Robert H	Beaver	ERICSSON, MD, Francis S	Warren	FALLAH-NEJAD, MD, Menouchar	Philedelphia
DUNCAN, MD, James R	Allaghany	EHRLE, MD, August H	Erie	ERLICHMAN, MD, I Fulton	Bucks	FALLON III, MD, Edwerd C	Berks
DUNCAN, MD, Ralph E	York	EHRICH, MD, George E	Montgomery	ERMOLD, MD, Donel R	Berks	FALOR, MD, Stanley E	Greane
DUNCAN, MD, Theodore G	Philedelphia	EHRICH, MD, Leonerd D	Philedelphia	ERSLEV, MD, Allen J	Philedelphia	FALUDI, MD, Georgine	Philedelphia
DUNCOMBE, MD, Micheel P	Erie	EICHLBERGER, MD, Eli	Montgomery	ERSNER, MD, Arthur R	Montgomery	FALVO, MD, Ernest A	Allaghany
DUNDORE JR, MD, Williem C	Allegheny	EICHER, MD, Wendell P	York	ERSNER, MD, Jack S	Philedelphie	FAMORCA, MD, Florentino P	Lycoming
DUNEGAN, MD, Lawrence A	Alleghany	EICHLER, MD, George R	Bucks	ERSOZ, MD, Clare J	Allegheny	FAN, MD, Young C	Venango
DUNFIELD, MD, Anthony H	Philsdelpia	EICHMAN, MD, Mery R	Northampton	ERSTLING, MD, Chriatopher M	Alleghany	FANFRA, MD, Francis J	Chester
DUNKERLEY, MD, Gery R	Bucks	EICHMILLER, MD, John P	Philedelphia	ERVIN II, MD, Jemee F	Allegheny	FANNIN, MD, Thomaas S	Lackewanna
DUNKLE, MD, David B	Lycoming	EICHNER, MD, Lembart G	Delaware	ERVIN, MD, Carl E	Dauphin	FANNING, DO, John M	Bucks
DUNKLE, MD, Neil F	Allaghany	ELER, MD, William A	Allegheny	ERVIN, MD, Lawrence M	Deuphin	FARACE, MD, Joseph L	Northampton
DUNNIRE, MD, Leatsr A	Erie	EIMAN, MD, John W	Philedelphie	ERWAY, MD, Preston M	Bier	FARAGALLA, MD, Remses I	Franklin
DUNN, MD, Devid D	Crawford	EINHORN, MD, Jerzy	Allegheny	ERWIN, MD, Henry K	Tioga	FARB, MD, Stanley N	Montgomery
DUNN, MD, Devid W	Philedelphia	EISEMAN JR, MD, Paul C	Westmoreland	ESBENSCHADE II, MD, John H	Northampton	FARBER, MD, David N	Berks
DUNN, MD, Jeffray M	Vanango	EISEN, MD, Howerd B	Alleghany	ESCARO, MD, Danilo U	Lencaster	FARBER, MD, Eric B	Berks
DUNN, MD, Joseph P	Delaware	EISENBEIS JR, MD, Carl H	Alleghany	ESCARTE, MD, Deogrecies E	York	FARBER, MD, Emanuel P	Philedelphia
DUNN, MD, James W	Blair	EISENBERG, MD, H Grent	Berks	ESCOBAR, MD, Edgar	Philedelphia	FARBER, MD, Harold I	Berks
DUNN, MD, Leon C	Philedelphia	EISENBERG, MD, Richard B	Erie	ESCOLL, MD, Philip J	Philedelphia	FARIES JR, MD, George B	Dauphin
DUNN, MD, Linds K	Huntingdon	EISENHARDT, DO, Bruce T	Monroe	ESHLEMAN, MD, D Rohrer	Philedelphia	FARIS, MD, Samuel S	Montgomery
DUNN, MD, Philip F	Cembrie	EISENHOWER, MD, Chertes E	York	ESHLEMAN, MD, John D	Lancaster	FARKAS, MD, Feriel R	Allaghany
DUNN, MD, Robert E	Centre	EISENHOWER, MD, Edwerd A	Lencaster	ESHLEMAN, MD, S Kendrick	Lancaster	FARKAS, MD, Robert W	York
DUNNE, MD, Gay D	Centre	EISMAN, MD, Sylvan H	Philedelphia	ESKENAZI, MD, Merko M	Philedelphia	FARMATI, MD, Osker	Crawford
DUNNE, MD, James H	Centre	EISNER, MD, Abreham G	Lackawanna	ESKENDRI, MD, Nasser	Beever	FARMER, MD, Herold E	Montgomery
DUNNING, MD, E Ruth	Monroe	EISNER, MD, Clarence A	Allaghany	ESKIN, MD, Bernard A	Philedelphie	FARMER, MD, John L	Lancaster
DUNSMORE, MD, Lillian D	Chester	EISNER, MD, Henry	Philedelphia	ESKIN, MD, David J	Montgomery	FARMER, MD, Lenore	Allegheny
DUNSMORE, MD, Richerd A	Chester	EISNER, MD, Joel W	Chester	ESKRIDGE, MD, Timothy H	York	FARMER, MD, Rodney A	Montgomery
DUPLER, MD, Donel A	Philedelphia	EKBERG, MD, Norman L	Montour	ESLER JR, MD, Jsmas W	Lehigh	FARNEY, MD, Eether S	Allegheny
DURANTE, MD, Rephesl H	Philedelphie	EKSTRAND, MD, John P	Allegheny	ESPARRAGUERA, MD, Francisco	Lehigh	FARNON, MD, Ulrike L	Philedelphia
DURBECK, MD, Donald C	Dauphin	ELATTAR, MD, Anas A	Alleghany	ESPINO, MD, Shirley C	Venango	FAROUHAR, MD, John D	Philedelphia
DURGIN, MD, Bernics E	Centre	ELATTRACHE, MD, Selim	Westmoreland	ESPINOSA, MD, Manuel H	Philedelphia	FARR, MD, Jamea	Carbon
DURISEK, MD, George S	Deuphin	ELCOCK, MD, Claudius A	Philedelphia	ESPOSITO, MD, Menuel H	Northampton	FARRA, MD, Frederic T	Deuphin
DURKAN, MD, Gereld	Allegheny	ELDAIEF, MD, Samir F	Philedelphie	ESPOSITO, MD, Francis A	Allegheny	FARRAR JR, MD, George E	Philedelphia
DURKIN, MD, Edwerd C	Venango	ELDER JR, MD, Williem W	Venango	ESPOSITO, MD, Frances S	Philedelphia	FARRELL, MD, Bruce G	Erie
DURKIN, MD, Edwerd C	Montgomery	ELDER, MD, E Glenn	Northampton	ESPOSITO, MD, John C	Delaware	FARRELL, MD, Edwerd L	Alleghany
DURKIN, MD, Martin J	Montgomery	ELEFANT, MD, Howard L	Philedelphia	ESOUVEL, MD, Hector F	Schuylkill	FARRELL, MD, John D	Lahigh
DURNING, MD, Clifton M	Chester	ELFMAN, MD, Louis K	Philedelphia	ESTERHAI JR, MD, John L	Philedelphia	FARRELL, MD, Mary A	York
DURNING, MD, Robert P	Allaghany	ELHILLAL, Mohammed, F	Westmoraland	ETNOYER, MD, John J	Lncseater	FARRELL, MD, Peter E	Lehigh
DURROCHER, MD, John R	Philedelphia	ELIADES, MD, Williem	Philedelphie	ETTELSON, MD, Lawrence N	Philedelphia	FARRELL, MD, Robert E	Lackawenne
DURRWACHTER, MD, Robert J	Lycoming	ELIAS, MD, Ferid J	Westmoreland	ETTENGER, MD, Morris S	Philedelphia	FARRELL, MD, William J	Lackawanna
DURSCHINGER, MD, George M	Beever	ELIAS, MD, Stanton B	Allegheny	ETTER, MD, Russel H	York	FARRELL, MD, Williem J	Erie
DUSCKAS, MD, George J	Erie	ELICKER, MD, John E	Delaware	ETZEL, MD, Conrad A	Delaware	FASO, MD, Joseph M	Erie
DUSINBERRE, MD, Robert Y	Tioga	ELIGATOR, MD, Julien	Alleghany	ETZL, MD, Micheel M	Philedelphia	FAST, MD, Willia B	Bucks
DUTLINGER, MD, Robert P	Dauphin	ELKOUS, MD, Guillermo C	Philedelphia	EUBANKS, MD, Devid A	Deuphin	FATULA, MD, George M	Jeffarson
DVORKIN, MD, Daniel	Chester	ELLEN, MD, Stephen J	Philedelphia	EULIANO JR, MD, John J	Erie	FATUR, MD, Leo M	Allegheny
DWYER JR, MD, Frenk P	Clinton	ELLENBERGER JR, MD, Thomea R	Cembria	EULIANO, MD, John J	Beave	FAUNCE III, MD, James G	Bucks
DY, MD, Victor C	Northampton	ELLENZWIEG, MD, Morris S	Fayette	EVANGELISTA, MD, Benilda P	Philedelphia	FAUST, MD, Donald S	Berks
DYE, MD, Robert E	Dauphin	ELLIN, MD, Victor B	Bucks	EVANGELISTA, MD, Evariato U	Allegheny	FAUST, MD, Elizabeth B	Delaware
DYKJ, MD, Roman	Montgomery	ELLIS, DO, Louia D	Bucks	EVANGELISTA, MD, Jeaus S	Washington	FAUST, MD, Herbert A	Chester
DYAN, MD, James E	Montgomery	ELLIS IV, MD, John H	York	EVANGELISTA, MD, Prisco T	Beaver	FAVAZZA, MD, Frenk W	Northampton
DYREYES, MD, Roberto R	Lebenon	ELLIS JR, MD, Leander T	Philedelphia	EVANGELISTA, MD, Simplicio E	Montgomery	FAVINI, MD, Josephine L	Lackawanna
DYSON, MD, Williem L	Philedelphia	ELLIS, MD, Devid M	Montgomery	EVANS II, MD, Lswia C	Bradford	FAVINI, MD, M Peter	Lackawanna
DZUREK, MD, William V	Schuylkill	ELLIS, MD, Lawrence D	Allegheny	EVANS, MD, David B	Cumberlind	FAVINO, MD, C James	Montour
DZWONCZYK JR, MD, John	Philsdelpia	ELLIS, MD, Micheel D	Montgomery	EVANS, MD, Hilery	Cambrie	FAWCETT, MD, James L	Allegheny
		ELLIS, MD, Richerd A	Philedelphia	EVANS, MD, Herold H	Union	FAZIO, MD, Anthony N	Lackewanna
		ELLISON JR, MD, Richard T	Montgomery	EVANS, MD, Hsyden O	Montgomery	FEAR, MD, Jesse G	Columbis
		ELLISON, MD, Ervin	Lancaster	EVANS, MD, Joseph B	Philedelphia	FEBBRARO, MD, Anthony A	Montgomery
		ELLISON, MD, Julius	Philedelphia	EVANS, MD, James F	Montour	FECCZO, MD, Williem A	Allegheny
		ELLISON, MD, Jamea E	York	EVANS, MD, John J	Carbon	FEDELE, MD, Charles R	Bradford
		ELLISON, MD, Neil M	Montour	EVANS, MD, Jonethan L	Butler	FEDERICI, MD, Valerio J	Philedelphia
		ELLOSO, MD, Ciprieno A	Philedelphia	EVANS, MD, Robert J	Bucks	FEDERMAN, MD, Jey L	Delawara
		ELMALEH, MD, Miriem K	Philedelphia	EVANS, MD, Robert L	York	FEDORIOW, MD, Petro	Philedelphia
		ELMER, MD, Edwerd M	Allaghany	EVANS, MD, Richard S	Allegheny	FEE JR, MD, Williem H	Venango
		ELSTNER, MD, Howerd L	Allegheny	EVANS, MD, Thos M	Allegheny	FEENAN, MD, Patrick R	Lencaster
		ELTERRICH, MD, Gertruds E	Washington	EVANS, MD, Williem G	Indiana	FEENEY, MD, Robert A	Lehigh
		ELVIR, MD, Remon	Warren	EVERETT, MD, Herold E	Lehigh	FEES JR, MD, Arch W	Blair
		EMANUEL, MD, Abreham	Besvar	EVERETT, MD, Williem G	Allegheny	FEES, MD, Archibeld W	Cembrie
		EMANUEL, MD, E Stephen	Delaware	EVERHART, MD, Wilson C	Dauphin	FEGLEY, MD, N Albert	Schuylkill
		EMERSON, MD, John A	Vsnango	EVERLOF, MD, Sharmen W	Deleware	FEICK, MD, Ralph H	Barks
		EMERY, MD, Devid R	Montour	EVERS, MD, William	Philedelphia	FEIG, MD, Stephan A	Philedelphia
		EMERY, MD, Robert C	Northampton	EVERTS, MD, Glenn S	Philedelphis	FEIGLEY, MD, Donald M	Bucks
		EMES, MD, William R	Chester	EVERTS SUAREZ, MD, Erich A	Philedelphis	FEIN, DO, Howard K	Montgomery
		EMKEY, MD, Kennath D	Berks	EVES, MD, John H	Bucks	FEIN, MD, Allen M	Philedelphia
		EMMOLE, MD, Ronald D	Barks	EWING, MD, Agnew R	Chester	FEINBERG, MD, David H	Northampton
		EMMERLING, MD, John F	Allaghany	EWING, MD, Charles H	Montgomery	FEINGOLD, MD, Micheel J	Montgomery
		EMMETT, MD, Gary A	Philedelphia	EWING, MD, Frad L	Crawford	FEINGOLD, MD, Joseph L	Delawere
		EMMOLO, MD, Alfonaa A	Vanango	EWING, MD, James H	Philedelphia	FEINSTEIN, MD, Theodore A	Philedelphia
		ENCKE, MD, Ted K	Allegheny	EWING, MD, Medelema O	Philedelphis	FEIST, MD, John H	Alleghany
		ENDRES, MD, Warren H	Lehigh	EYERLY, MD, Robert C	Montour	FELDER, MD, Herman	Alleghany
		ENERSON, MD, Daniel M	Allegheny	EYLER, MD, J Albert	Bedford	FELDERMAN, MD, Eugene S	Montgomery
		ENGEL, MD, Gilson C	Philedelphie	EYLER, MD, Margaret V	Lancaster	FELDMAN, MD, Arthur M	Philedelphia
		ENGEL, MD, Milton I	Erie	EYLER, MD, Paul W	Lancaster	FELDMAN, MD, Julien D	Philedelphia
		ENGINEER, MD, Erach H	Philedelphia	EYMONTT, MD, Michael J	Philedelphis	FELDMAN, MD, Larry B	Lehigh
		ENGLAND, MD, Kennath B	Blair	EYSTER, MD, M Elaine	Dauphin	FELICE, MD, Cive D	Lancaster
		ENGLE, MD, Eugena K	Lancaster				

FELIX, MD, Dionisio	Philadelphia	FISH, MD, Henry	Leckawanne	FORSTER, DO, Carl J	Schuylkill	FRIEDMAN, MD, Harford W	Allegheny
FELLERMAN, MD, Herbert	Luzerne	FISHBACK, MD, David B	Philadelphia	FORSTER JR, MD, H Walter	Philadelphia	FRIEDMAN, MD, Irwin	Philadelphia
FELTWELL JR, MD, Peter M	Allegheny	FISHER, DO, Gary A	Philadelphia	FORSYTH, MD, Alice J	Montgomery	FRIEDMAN, MD, Jerald N	Northampton
FENCEL, MD, Richard M	Dauphin	FISHER JR, MD, Joseph W	Northampton	FORSYTHE, MD, Petrick D	Dauphin	FRIEDMAN, MD, Leon	Northampton
FENLIN JR, MD, John M	Philadelphia	FISHER, MD, Alvin H	Montgomery	FORTI, MD, William P	Dauphin	FRIEDMAN, MD, Louis L	Allegheny
FENN, MD, Patricia A	Bucks	FISHER, MD, Bernard	Allegheny	FORTNUM, MD, Walter G	Bucks	FRIEDMAN, MD, Merck C	Dauphin
FENNER, MD, Henry E	Allegheny	FISHER, MD, Curtis K	Allegheny	FORTUNATO, MD, James J	Allegheny	FRIEDMAN, MD, Milton L	Philadelphia
FENSTER, MD, Martin M	Allegheny	FISHER, MD, Don L	Allegheny	FOSS, MD, David E	Allegheny	FRIEDMAN, MD, Phillip	Bucks
FENTON, MD, Ivor D	Franklin	FISHER, MD, Geil	Allegheny	FOSTER, DO, Donald B	Franklin	FRIEDMAN, MD, Paul S	Philadelphia
FE0, MD, Louis G	Dauphin	FISHER, MD, George R	Allegheny	FOSTER JR, MD, John V	Dauphin	FRIEDMAN, MD, Ronald H	Philadelphia
FERDERBER, MD, Murray B	Butler	FISHER, MD, Harold	York	FOSTER, MD, Frederick G	Butler	FRIEDMAN, MD, Sidney	Philadelphia
FERER, MD, Walter C	Allegheny	FISHER, MD, Joseph S	Philadelphia	FOSTER, MD, Howard K	Allegheny	FRIEDMAN, MD, Sumner H	Dauphin
FERGUSON JR, MD, Albert B	Westmoreland	FISHER, MD, John T	Centre	FOSTER, MD, Walter D	Westmoreland	FRIEDMANN, DO, Daniel V	Philadelphia
FERGUSON JR, MD, Guerrant H	Allegheny	FISHER, MD, Lawrence C	York	FOSTER, MD, Walter R	Allegheny	FRIEDMANN, MD, Elihu	Lackawanne
FERGUSON JR, MD, Theodora J	Allegheny	FISHER, MD, Luther I	Northampton	FOTIADIS, MD, Ion G	Allegheny	FRIEDRICH, MD, Joachim H	York
FERGUSON, MD, Donald G	Philadelphia	FISHER, MD, Mary S	Philadelphia	FOULGER, MD, Mergeret P	Philadelphia	FRIEND, MD, Arthur	Luzerne
FERGUSON, MD, Emanuel R	Montgomery	FISHER, MD, Norman J	Montgomery	FOULK JR, MD, Morris	Delaware	FRIES, MD, Gene T	Lycoming
FERGUSON, MD, Irene D	Dauphin	FISHER, MD, Robert A	Dauphin	FOUST, MD, Timlan H	Dauphin	FRIGNITO, MD, Nicholes G	Philadelphia
FERGUSON, MD, Roger J	Allegheny	FISHER, MD, Roscoe L	York	FOUST, MD, Wilson A	Lancaster	FRISHMUTH, MD, Gertrude J	Philadelphia
FERGUSON, MD, Roger K	Philadelphia	FISHER, MD, Robert M	Montgomery	FOX IV, MD, James W	Philadelphia	FRITCHEY JR, MD, John A	Dauphin
FERGUSON, MD, Thomas G	Allegheny	FISHER, MD, Seth M	Philadelphia	FOX, MD, Charles F	Armstrong	FRITCHLEY, MD, Rodney B	Cumberland
FERGUSSON, MD, R Laurence	Philadelphia	FISHER, MD, Stephen N	Allegheny	FOX, MD, Donald	Philadelphia	FRITZ JR, MD, Kerl J	Warren
FERLAN, MD, Lawrence	Montgomery	FISHER, MD, T Forrest	Allegheny	FOX, MD, Donald C	Butler	FRITZ, MD, Elmer M	Allegheny
FERNANDEZ, MD, Eduardo I	Delaware	FISHER, MD, William K	Delaware	FOX, MD, Roger E	Delaware	FRITZ, MD, Herbert H	Montgomery
FERNANDEZ, MD, Oscar V	Lehigh	FISHKIN, MD, Hymel	Allegheny	FOX, MD, William F	Lehigh	FRITZ, MD, Louise J	Wyoming
FERNANDO, MD, Mischeel F	Lehigh	FISHMAN, MD, Aeron E	Lehigh	FRABLE, MD, Dean G	Chester	FRITZINGER, MD, George O	Carbon
FERRARA, MD, Vincent L	Schuylkill	FISSEL, MD, George E	Allegheny	FRAILEY JR, MD, William W	Schuylkill	FROBESE, MD, Alfred S	Philadelphia
FERRARO, MD, Patrick J	Lehigh	FISTER, MD, Frederick D	Philadelphia	FRAIRE, MD, Armando E	Blair	FRODEY, MD, Raymond J	Allegheny
FERREIRA, MD, Arturo J	Blair	FITE, MD, Franklin K	Allegheny	FRALEY, MD, Henry W	Armstrong	FROELICH, MD, Arthur D	Dauphin
FERRELL, MD, John T	Armstrong	FITTING JR, MD, George M	Lehigh	FRAME, MD, David C	Washington	FROMAN, MD, Stephen M	Beaver
FERRENCE, MD, John A	Westinghouse	FITZGERALD, MD, James L	Dauphin	FRANCE, MD, Laurence W	Lancaster	FROMME, MD, Kenneth L	Dauphin
FERRI, MD, Henry G	Delaware	FITZGERALD, MD, Richard P	Delaware	FRANCE, MD, Robert O	Cambria	FRONCZEK, MD, William M	Allegheny
FERRIER, MD, Melvin C	Allegheny	FITZMAURICE, MD, John W	Allegheny	FRANCIS, MD, George J	Allegheny	FRONDTI, MD, Lucian J	Westmoreland
FERRIGNO JR, MD, Corman J	Centre	FITZPATRICK, MD, Marcie A	Centre	FRANCIS, MD, Paul	Allegheny	FRONDTI, MD, Robert L	Allegheny
FERRONI, MD, Joseph S	Columbia	FITZPATRICK, MD, Ruthann P	Delaware	FRANCO, MD, Alexander	Erie	FROOZAN, MD, Homayoon	Lackawanne
FERRUCCI JR, MD, William S	Montgomery	FITZSIMMONS, MD, William R	Butler	FRANCO, MD, Frank A	Centre	FROST, MD, Stephen S	Lehigh
FERRY, MD, Gerold W	Jefferson	FITZSIMMONS, MD, Thomas R	Lehigh	FRANGIPANE, MD, Leo G	Berks	FRUMIN, MD, Abraham M	Philadelphia
FERRY, MD, Philip J	Berks	FLACCO, MD, Albert J	Bucks	FRANK, MD, Barbara B	Berks	FRY, MD, Chloe O	Dauphin
FERSON, MD, Peter F	Luzerne	FLAMBERG, MD, Ire W	Mercer	FRANK, MD, Herbert L	Delaware	FRY, MD, Robert L	Franklin
FESCIANA, MD, Joseph V	Philadelphia	FLANAGAN, MD, H Franklin	Philadelphia	FRANK, MD, Jeffrey B	Delaware	FRYCZYNSKI, MD, Theoddeus P	Erie
FETCHKO, MD, Alexander M	Delaware	FLANAGAN, MD, Joseph C	Delaware	FRANK, MD, Leonard A	Berks	FRYE, MD, John W	Luzerne
FETTER, MD, Ferdinand	Northumberland	FLANAGAN, MD, John V	Northumberland	FRANK, MD, Martin N	Montgomery	FUCHS, MD, David V	Washington
FETTERHOFF, MD, Kenneth I	York	FLANDERS, MD, Elwood P	York	FRANK, MD, Paul E	Montgomery	FUERST, MD, Nicholas E	Washington
FETTERMAN, MD, George H	Schuylkill	FLANIGAN JR, MD, John L	Schuylkill	FRANK, MD, Patrick J	Montgomery	FUGARO, DO, Anthony J	Philadelphia
FETTERMAN, MD, Henry H	Westmoreland	FLANNAGAN, MD, Samuel W	Westmoreland	FRANK, MD, Reuben	Montgomery	FUGATE JR, MD, Howard	Jefferson
FETZER, MD, Arthur E	Lawrence	FLANNERY, MD, Wilbur E	Lawrence	FRANK, MD, Robert L	Montgomery	FUGATE, MD, James K	Jefferson
FEUDALE, MD, Richard F	Centre	FLEAGLE, MD, Genevieve S	Centre	FRANKE, MD, Frederick R	Allegheny	FUGAZZOTTO, MD, Pasquale J	Lehigh
FIDELER, MD, Richard	Westmoreland	FLEAGLE, MD, Samuel B	Lancaster	FRANKEL, MD, Donald S	Philadelphia	FUJIMAGARI, MD, Tak	Lawrence
FIDLER, MD, Howard T	Philadelphia	FLEEGLER, MD, Saul M	Philadelphia	FRANKEL, MD, Leon A	Philadelphia	FUKUI, MD, Paul T	Chester
FIEDLER, MD, James J	Allegheny	FLEISCHER, MD, Leslie R	Philadelphia	FRANKENFIELD, MD, Bruce A	Lehigh	FULCHIERO, MD, Gregory J	Blair
FIEDLER, MD, Roy W	Mifflin-Juniata	FLEISCHER, MD, Scott A	Mifflin-Juniata	FRANKENSTEIN, MD, Herbert	Allegheny	FULCINITI, MD, Rocco A	Allegheny
FIELD, MD, Elizabeth H	Allegheny	FLEISHER, DO, Richard D	Allegheny	FRANKLIN, MD, Donald S	Fayette	FULLER, DO, Raymond L	Philadelphia
FIELD, MD, Howard L	Philadelphia	FLEISHMAN, MD, Martin J	Philadelphia	FRANKLIN, MD, Irvin D	Bucks	FULLER, MD, Gerry L	Allegheny
FIELD, MD, John M	Allegheny	FLEMING, MD, Arthur W	Allegheny	FRANKLIN, MD, John W	Allegheny	FULLER, MD, Harry B	Delaware
FIELDS, MD, Harry	Philadelphia	FLEMING, MD, Burton A	Philadelphia	FRANKLIN, MD, Morris	Allegheny	FULLER, MD, Virginia S	Allegheny
FIERER, MD, Robert R	Dauphin	FLEMING, MD, George E	Blair	FRANKLIN, MD, Sidney N	Philadelphia	FULTON, MD, Harry C	Lancaster
FIERRO, MD, Frank E	Allegheny	FLEMING, MD, Richard M	Allegheny	FRANKOVITCH, MD, Kerl F	Erie	FULTON, MD, William O	York
FIERSTEIN, MD, Jeffrey S	Lackawanne	FLEMING, MD, William H	Butler	FRANTON, MD, Barry	Philadelphia	FUNCH, MD, Ross S	Philadelphia
FIGALLO, MD, Eduardo M	Dauphin	FLETCHER, MD, Louis	Philadelphia	FRANTZ, MD, Alfred S	Allegheny	FUNK JR, MD, Frederick C	Lycoming
FIGLIN, DO, Joshua M	Westmoreland	FLETCHER, MD, Thomas F	Dauphin	FRANTZ, MD, Robert C	Franklin	FUNK, MD, Elmer H	Philadelphia
FIGUEROA, MD, William G	Centre	FLICKINGER, MD, Frederick W	Dauphin	FRANTZ, MD, Robert R	Berks	FUNK, MD, Edwin H	Wayne-Pike
FIGURA, MD, Judith H	Philadelphia	FLINKMAN, MD, Leonard	Philadelphia	FRATTALI, MD, August	Carbon	FUNK, MD, Alvin H	Columbia
FIKRI, MD, Erden	Allegheny	FLINM, MD, James E	Allegheny	FRAUENHOFER, MD, Christopher M	Lackawanne	FUNKHOUSER, MD, George R	Montour
FILE, MD, James C	Cambria	FLOM, MD, David M	Allegheny	FRAUNFELDER, MD, John A	Leckawanne	FUNKHOUSER, MD, Jay L	Beaver
FILIP, MD, John R	Bradford	FLOOD, MD, James M	Allegheny	FRAYER, MD, William C	Northampton	FUNT, MD, Loren	Allegheny
FILPEK, MD, Walter J	Northampton	FLOR, MD, Frank S	Northampton	FRAYER II, MD, John E	Philadelphia	FUREY JR, MD, Charles A	Philadelphia
FILLMAN, MD, John B	Erie	FLORA, MD, William K	Erie	FRAZIER, MD, Thomea G	Allegheny	FUREY, MD, Sandy A	Lackawanne
FILMYER JR, MD, Edward A	Westmoreland	FLOREK, MD, Florian F	Westmoreland	FRAZIER, MD, William D	Montgomery	FURIGUELE, MD, Francis P	Delaware
FILOSA, MD, Robert J	Lancaster	FLORENTIN, MD, Heriberto M	Lancaster	FREDA, MD, Richard N	Philadelphia	FURIA, MD, Frederick A	Delaware
FINCH, MD, Alberta M	Lawrence	FLORES, MD, Alberto C	Lawrence	FREDERICK, MD, David W	Indiana	FURIGAY, MD, Rodolfo L	Delaware
FINDER, MD, Merc J	Berks	FLORES, MD, Carlos I	Berks	FREDERICK, MD, Paul L	Lancaster	FURMAN, MD, Donald J	Cambria
FINE, MD, Daniel	Philadelphia	FLORES, MD, Evelyn R	Philadelphia	FREDERICKS, MD, Lillian E	Armstrong	FURMAN, MD, Harold B	Warren
FINE, MD, Edward M	Mifflin-Juniata	FLORO, MD, Claro N	Mifflin-Juniata	FREDERICKSON, MD, Howard N	Philadelphia	FURNARY, MD, James S	Montgomery
FINE, MD, Eric W	Lebanon	FLORY, MD, Rey H	Lebanon	FREDRICKSON, MD, Victor J	York	FURNER, DO, Carl L	Cambria
FINE, MD, Joseph	Dauphin	FLOWERS, MD, Peter B	Dauphin	FREED, MD, Clarence L	Bucks	FURR, MD, Charles M	Luzerne
FINE, MD, Robert	Bradford	FLURKEY, MD, Emerson C	Dauphin	FREEDBERG, MD, Lawrence E	Bucks	FURUKAWA, MD, Edward F	Erie
FINEBERG, MD, Charles	Blair	FLYNN, MD, Richard J	Blair	FREEDMAN, MD, Abraham G	Westmoreland	FUSCO, MD, Robert D	Philadelphia
FINEGOLD, MD, Aaron N	Philadelphia	FOCHLER, MD, Francis J	Philadelphia	FREEDMAN, MD, Allan P	Philadelphia	FUSCO-RIPKA, MD, Giovanna D	Berks
FINEGOLD, MD, Joseph	Allegheny	FODERARO, MD, John	Allegheny	FREEDMAN, MD, Alen R	Philadelphia	FUSIA JR, MD, Donald A	Westmoreland
FINEGOLD, MD, Richard A	Allegheny	FOGEL, MD, Stewart R	Lackawanne	FREEDMAN, MD, Donald B	Dauphin	FUSIA, MD, Joseph F	Allegheny
FINEGOLD, MD, Willred J	Allegheny	FOGLEY, MD, Annes R	Luzerne	FREEDMAN, MD, E Fannia	Allegheny	FUST, MD, John A	Erie
FINEMAN, MD, William	Philadelphia	FOIGHT, MD, Jean R	Philadelphia	FREEDMAN, MD, Jacob J	Philadelphia	FUTCHER, MD, Pelmer H	Philadelphia
FINESTONE, MD, Albert J	Philadelphia	FOLDES, MD, Julius	Berks	FREEDMAN, MD, Louis J	Luzerne	FUTRELL, MD, J William	Allegheny
FINESTONE, MD, Israel	Philadelphia	FOLDES, MD, Steven I	Allegheny	FREEDMAN, MD, Lawrence T	Montgomery		
FINESTONE, MD, Stephen C	Philadelphia	FOLDES, MD, Veronike M	Philadelphia	FREEDMAN, MD, Peter M	Cambria		
FINGERET, MD, Arnold E	Allegheny	FOLDES ROTH, MD, Elisabeth	York	FREEDMAN, MD, John F	Chester		
FINGERUT, MD, Jerold C	Allegheny	FOLEY JR, MD, Edward L	Dauphin	FREELAND, MD, George R	Delaware		
FINGO, MD, Albert J	Montgomery	FOLK, MD, Robert L	Montour	FREEMAN, MD, Albert W	Franklin		
FINK JR, MD, Howard E	Northampton	FOLLWER, MD, Don C	Northampton	FREEMAN, MD, Joseph T	Philadelphia		
FINK, MD, John M	Westmoreland	FONG, MD, Jake	Westmoreland	FREEMAN, MD, William A	Franklin		
FINK, MD, Jack W	Allegheny	FONTANA, MD, Armend L	Allegheny	FREIWALD, MD, Milton J	Philadelphia		
FINK, MD, Paul J	Allegheny	FONTANA, MD, Frank L	Allegheny	FREMER, MD, Abraham	Philadelphia		
FINK, MD, William L	Beaver	FOOTERMAN, MD, Harold	Allegheny	FRENCH, MD, Elizabeth G	Chester		
FINKELHOR, MD, Howard B	Allegheny	FORBES, MD, Thomas W	Allegheny	FRENCH, MD, Gordon N	Lawrence		
FINKELSTEIN, MD, David	Centre	FORCE, MD, Thomas B	Centre	FRENCH, MD, Travis A	Dauphin		
FINKELSTEIN, MD, Gary S	Lycoming	FORCEY, MD, Clarke M	Lycoming	FRESHMAN, MD, John R	Allegheny		
FINKELSTEIN, MD, Herman	Bucks	FORCEY, MD, Lloyd R	Bucks	FREYHOF, MD, Jack N	Philadelphia		
FINLAY, MD, James W	Allegheny	FORD, MD, Francis W	Allegheny	FREYMAN, MD, Laon	Montgomery		
FINN, MD, David R	Allegheny	FORD, MD, John J	Chester	FRIDAY, MD, Daniel M	Blair		
FINN, MD, Joseph L	Allegheny	FORD, MD, Robert W	Allegheny	FRIDAY, MD, Gilbert A	Allegheny		
FINNEGAN, MD, Walter J	Lycoming	FORD, MD, Susan E	Allegheny	FRIDAY, MD, John R	Allegheny		
FINNISON, MD, Bernard E	Philadelphia	FORD, MD, William B	Allegheny	FRIDEN, MD, G Burton	Montgomery		
FINO, MD, Julius A	Lehigh	FORD, MD, William T	Lycoming	FRIED, MD, Martin B	Luzerne		
FIRPO JR, MD, John J	Delaware	FOREMAN, MD, Joseph	Philadelphia	FRIEDBERG, MD, Jay G	Philadelphia		
FIRST, MD, Arthur	Warren	FOREMAN, MD, Jean L	Lebanon	FRIEDBERG, MD, Milton J	Lehigh		
FIRST, MD, Howard E	Philadelphia	FORKE, MD, Thomas	Allegheny	FRIEDENBERG, MD, Steven S	Northampton		
FIRST, MD, Stewart E	Philadelphia	FORKE, MD, Thomea S	Allegheny	FRIEDENBERG, MD, Zachary B	Philadelphia		
FISCHBACH, MD, Max W	Lancaster	FORMAN, MD, Harvey R	Philadelphia	FRIEDLANDER, MD, Myron	Allegheny		
FISCHER III, MD, Carl R	Philadelphia	FORMAN, MD, Irwin H	Philadelphia	FRIEDLANDER, MD, Milton A	Dauphin		
FISCHER JR, MD, Carl R	Philadelphia	FORMAN, MD, Joseph E	Philadelphia	FRIEDMAN, DO, Martin L	Allegheny		
FISCHER JR, MD, Herman A	Luzerne	FORMAN, MD, Kenneth J	Philadelphia	FRIEDMAN, MD, Adele K	Philadelphia		
FISCHER, MD, Carl C	Philadelphia	FORMAN, MD, Myron	Philadelphia	FRIEDMAN, MD, Abraham W	Allegheny		
FISCHER, MD, Edward C	Delaware	FORMAN, MD, Samuel	Delaware	FRIEDMAN, MD, Donald	Delaware		
FISCHER, MD, H Keith	Allegheny	FORMAN, MD, Simon B	Delaware	FRIEDMAN, MD, Ellis F	Berks		
FISCHER, MD, Rolf H	Schuylkill	FORNASIER, MD, Louis S	Delaware	FRIEDMAN, MD, Henry B	Luzerne		
FISCHER, MD, Sharon P	Schuylkill	FORNWALT, MD, George R	Allegheny				
FISCHL, MD, Edwin C	Philadelphia	FORNWALT, MD, Helen L	Allegheny				
	Allegheny	FORSE JR, MD, David P	Blair				
		FORSTATER, MD, Alan T	Philadelphia				

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GAARY, MD, Alvin E	Delaware
GABALA, MD, John M	Northumberland
GABLE, MD, Joseph E	Berks
GABOS, MD, Charles W	Allegheny
GABOS, MD, Paul F	Allegheny
GABRIEL, MD, Daniel E	Greene
GABRIEL, MD, Frederick R	Mckean
GABRIEL, MD, Louis T	Schuylkill
GABRIEL, MD, Peter	Fayette
GABRIELE, MD, August A	York
GABROY, MD, Allen S	Delaware
GABUZA, MD, Thomea G	Philadelphia
GADANI, MD, Pravin R	Perry
GADBOIS, MD, William F	Northampton
GADOMSKI, MD, Joseph P	Philadelphia
GAFFNEY, MD, Edmund J	Montgomery
GAFFNEY, MD, John J	Lackawanne
GAFFNEY, MD, Paul C	Allegheny
GAGLIARDI, MD, Joseph M	Philadelphia
GAIA, MD, Juan D	Luzerne
GAIN, MD, Thomas B	Philadelphia
GAISFORD, MD, John C	Allegheny
GAITHER, MD, Herbert	Dauphin
GALANIS, MD, Sotire E	Lancaster
GALATI, MD, Victor G	Delaware
GALBRAITH, MD, Oavid J	Blair
GALENA, MD, Harold J	Philadelphia
GALGON, MD, John P	Lehigh
GALIA, MD, Joseph H	Delaware
GALLAGHER, DO, Joseph C	Philadelphia

GALLAGHER, MD, Doria B	Montgomery	GAZMEN, MD, Candonino C	Lackawanna	GILBERT, MD, Robert P	Philadelphia	GOLD, MD, Gordon R	Allegheny
GALLAGHER, MD, Daniel B	Mercer	GAZOWSKI, MD, Thomas E	Luzerne	GILBERTI, MD, Frank F	Allegheny	GOLD, MD, Herman	Delaware
GALLAGHER, MD, Henry G	Luzerne	GEADAH, MD, Fouad A	Dauphin	GILBERTI, MD, Michael V	Allegheny	GOLD, MD, Henry J	Philadelphia
GALLAGHER, MD, John E	Armstrong	GEARHART, MD, Lyster M	Lehigh	GILDEA, MD, James E	Dauphin	GOLD, MD, Jack	Erie
GALLEN, MD, John H	Berks	GECKELER, MD, Edwin O	Philadelphia	GILETTO, DO, Joseph E	Philadelphia	GOLD, MD, Jerome A	Philadelphia
GALLETTA, MD, Anthony S	Washington	GEDULDIG, MD, Michael M	Dauphin	GILFILLAN, MD, A George	Berks	GOLD, MD, Marrie G	Chester
GALLIA, MD, Francis J	Dauphin	GEER, MD, Frank D	Lawrence	GILL III, MD, Thomas J	Allegheny	GOLDBACHER JR, MD, Lawrence R	Philadelphia
GALLIGAN, MD, William J	Philadelphia	GEETTER, MD, Philip H	Bucks	GILL, MD, Donald J	Delaware	GOLDBERG, DO, Murray	Philadelphia
GALLO, MD, Eduardo F	Philadelphia	GEFFER, MD, Louis P	Philadelphia	GILL, MD, John J	Luzerne	GOLDBERG, DO, Murrey E	Chester
GALVEZ, MD, Merietta L	Philadelphia	GEFFER, MD, Warren B	Philadelphia	GILL, MD, Robert J	Philadelphia	GOLDBERG, MD, Barry B	Philadelphia
GALVIS, MD, Antonio G	Allegheny	GEGWICH, MD, Frank	Columbia	GILLEN, MD, Dennis R	Bucks	GOLDBERG, MD, Herry	Philadelphia
GAMBESCIA, MD, Joseph M	Philadelphia	GEGWICH, MD, Joseph F	Columbia	GILLEN, MD, George P	Northampton	GOLDBERG, MD, Herry E	Bucks
GAMBESCIA, MD, Richard A	Philadelphia	GEHMAN, MD, Milton J	Berks	GILLESPIE, MD, Harry K	Westmoreland	GOLDBERG, MD, Louie	Montgomery
GAMBONE, MD, Victor E	Philadelphia	GEHRINGER JR, MD, Edward J	Washington	GILLESPIE, MD, William G	Lawrence	GOLDBERG, MD, Richard E	Philadelphia
GAMO, MD, Teofila S	Bucks	GEHRIS, MD, James C	Northumberland	GILLIGAN, MD, Frank P	Delaware	GOLDBERG, MD, Robert M	Philadelphia
GAN, MD, Walter S	Philadelphia	GEHRIS, MD, Leroy A	Berks	GILLINGER, MD, William A	Allegheny	GOLDBERG, MD, Solomon	Allegheny
GANDERSON, MD, Stephen B	York	GEHRON JR, MD, William H	Lycoming	GILLIS, MD, Robert T	Allegheny	GOLDBERG, MD, Steven K	Philadelphia
GANDY, DO, Daniel R	Lycoming	GEIGLE, MD, Carl F	Erie	GILLIS, MD, Victor A	Armstrong	GOLDBERGER, MD, Arnold	Philadelphia
GANGULI, MD, Pundalik S	Philadelphia	GEISELMAN, MD, Douglas A	York	GILLUM, MD, David F	Tioga	GOLDBLATT, MD, Sidney A	Cambria
GANIBAN, MD, Justiniano S	Philadelphia	GEIST, MD, Donald C	Philadelphia	GILMAN, MD, Edward	Allegheny	GOLDBLUM, MD, Abraham D	Allegheny
GANNME, MD, Peter D	Montgomery	GELACEK, MD, Philip A	Armstrong	GILMORE JR, MD, Hugh R	Delaware	GOLDBLUM, MD, Herold L	Allegheny
GANNON, MD, Robert P	Allegheny	GELEHRTER, MD, Joseph	Philadelphia	GILMORE, MD, Frederick R	Clearfield	GOLDBLUM, MD, Jacob	Fayette
GANNON, MD, Reynaldo T	Cambria	GELET, MD, Theodore R	Allegheny	GILMORE, MD, George H	Allegheny	GOLDBLUM, MD, Raymond W	Allegheny
GANSMAN, MD, David H	Philadelphia	GELFAND, MD, David	Philadelphia	GILMORE, MD, Irvin W	Berks	GOLDBURGH, MD, Warren P	Philadelphia
GARBABIAN, MD, Joseph A	Montgomery	GELFOND, MD, David B	Philadelphia	GILMORE, MD, James	Allegheny	GOLDEN, MD, Jean D	Monroe
GARBAK, MD, Frank	Philadelphia	GELLER, MD, Edward I	Lehigh	GILLOT, MD, Jean M	Blair	GOLDEN, MD, Michael F	Chester
GARBER, MD, Edward H	York	GELLER, MD, Joseph	Philadelphia	GILROY, MD, Robert C	Dauphin	GOLDEN, MD, Mano R	Montgomery
GARBES, MD, Archimedeas D	Montour	GELLER, MD, Michael H	Lehigh	GINCHEREAU, MD, Eugene H	Allegheny	GOLDEN, MD, Robert J	Lackawanna
GARCIA, MD, Alfredo J	Butler	GELPI, MD, Jose A	York	GINGRICH JR, MD, Russell L	Lebanon	GOLDFARB, MD, Alvin F	Philadelphia
GARCIA, MD, Celso R	Philadelphia	GEMIL, MD, Corezon G	Chester	GINGRICH, MD, Kerry H	Lebanon	GOLDFARB, MD, Daniel D	Lehigh
GARCIA, MD, Domingo A	Franklin	GEMMILL, MD, Norman H	York	GINIECZKI, MD, Chester J	Philadelphia	GOLDFARB, MD, Herold J	Lehigh
GARCIA, MD, Diosdado A	Allegheny	GEMMILL, MD, Reginald B	York	GINGLEY JR, MD, Thomas H	Philadelphia	GOLDFARB, MD, I William	Allegheny
GARCIA, MD, Guillermo	Dauphin	GEMMILL, MD, William P	Westmoreland	GINSBERG, MD, David K	Philadelphia	GOLDFINE, MD, Alan	Chester
GARCIA, MD, Jose A	Dauphin	GENATO, MD, Jaime M	Westmoreland	GINSBERG, MD, Gene H	Lehigh	GOLDFINE, MD, Herry A	Philadelphia
GARCIA, MD, Jose C	Philadelphia	GENC, MD, Salim	Mifflin-Juniata	GINSBURG, MD, Abraham	Allegheny	GOLDFINE, MD, Joseph D	Philadelphia
GARCIA, MD, Leureneo P	Philadelphia	GENERETT, MD, William O	Allegheny	GINSBURG, MD, Howard H	Philadelphia	GOLDIN, MD, Ralph J	Lancaster
GARCIA, MD, Marien	Centre	GENNARELLI, MD, Thomas A	Philadelphia	GINSBURG, MD, Isadore W	Philadelphia	GOLDING, MD, Irvin M	Allegheny
GARCIA, MD, Theodore A	Montgomery	GENNARIA, MD, C Reed	Northumberland	GINSBURG, MD, Joseph E	Lawrence	GOLDMAN, MD, Arthur	Delaware
GARDENER, MD, Ralph	Allegheny	GENNARO, MD, Anthony R	Philadelphia	GINSBURG, MD, John L	Union	GOLDMAN, MD, Arnold D	Philadelphia
GARDNER, DO, Marshall K	Philadelphia	GENOVESE, MD, Frank N	Armstrong	GINSBURG, MD, Nethen N	Lewrence	GOLDMAN, MD, Arthur J	Philadelphia
GARDNER, MD, George E	York	GENOVESE, MD, Mario C	Lackawanna	GINSBURG, MD, Silas J	Montgomery	GOLDMAN, MD, Duane C	Lancaster
GARDNER, MD, Harry W	Mifflin-Juniata	GENTILE, MD, Anthony F	Allegheny	GINTER JR, MD, George C	Lycoming	GOLDMAN, MD, H Warren	Philadelphia
GARDNER, MD, James L	Lawrence	GENTILE, MD, Anthony J	Lackawanna	GIOMBETTI, MD, Joseph J	Lackawanna	GOLDMAN, MD, Irving S	Allegheny
GARDNER, MD, Morris Z	Allegheny	GENTZLER II, MD, Richard D	Lancaster	GIORDANO, MD, Anthony J	Delaware	GOLDMAN, MD, Marvin	Philadelphia
GARDNER, MD, Robert S	Allegheny	GEORGE, MD, Elizabeth A	Franklin	GIORDANO, MD, Augustin T	Philadelphia	GOLDMAN, MD, Richard J	Delaware
GARDNER, MD, Thomas A	Venango	GEORGE, MD, Jacob	Erie	GIORDANO, MD, Lorraine M	Philadelphia	GOLDMAN, MD, Stanley R	Dauphin
GARDNER, MD, Vincent E	Philadelphia	GEORGE, MD, John J	Allegheny	GIPSON, MD, Lawrence L	Allegheny	GOLDSCHMIDT, MD, Herbert	Montgomery
GAREIS, MD, John W	Lancaster	GEORGE, MD, James M	Allegheny	GIRARDO, MD, Salvatore P	Philadelphia	GOLDSCHMIDT, MD, Pauline	Blair
GAREY, MD, Herman S	Lackawanna	GEORGE, MD, John O	Bedford	GIRDANY, MD, Bertram R	Allegheny	GOLDSCHMIDT, MD, Zvi H	Blair
GARFIELD, MD, Samuel J	Philadelphia	GEORGE, MD, Robert N	Allegheny	GIRONE, MD, Joseph A	Bucks	GOLDSTEIN, MD, Charles P	Lehigh
GARFINKLE, MD, William B	Philadelphia	GEORGETSON, MD, James M	Pottler	GIRSH, MD, Leonard S	Philadelphia	GOLDSTEIN, MD, Arnold L	Bucks
GARLICH, MD, Richard W	Delaware	GEORGIU, MD, Virgil	Lackawanna	GISLASON, MD, G John	Philadelphia	GOLDSTEIN, MD, Arthur M	Philadelphia
GARMAN, MD, Ray F	Bradford	GEORGY, MD, Farouk M	Lycoming	GITTINGS, MD, Paul E	Allegheny	GOLDSTEIN, MD, Bernard	Philadelphia
GARNER, MD, Blaine R	Bucks	GERARD, MD, Joseph A	Allegheny	GITTLEMAN, MD, Merk A	Lehigh	GOLDSTEIN, MD, Elliott J	Allegheny
GARNER, MD, Vaughn C	Philadelphia	GERBER, MD, Herrie S	Philadelphia	GIUDICE, MD, Virginia J	Philadelphia	GOLDSTEIN, MD, Franz	Philadelphia
GARNER, MD, William J	Allegheny	GERBER, MD, Michael L	Allegheny	GIUFFRE, MD, James C	Philadelphia	GOLDSTEIN, MD, Gary N	Philadelphia
GARNET, MD, James D	Philadelphia	GERBER, MD, Paul	Philadelphia	GIULIAN, MD, Bertrand B	Dauphin	GOLDSTEIN, MD, Jerome	Philadelphia
GAROFALO, MD, Carl A	Fayette	GERBER, MD, Philip	Philadelphia	GIULIAN, MD, Karl A	Philadelphia	GOLDSTEIN, MD, Jacob	Philadelphia
GAROFALO, MD, Ralph F	Fayette	GERCHMAN, MD, Leroy B	Lehigh	GIUNTOLI, MD, Robert L	Philadelphia	GOLDSTEIN, MD, Laurence	Dauphin
GAROFOLA, MD, John H	Lebanon	GERDES JR, MD, Joseph H	Dauphin	GIVEN, MD, George G	Philadelphia	GOLDSTEIN, MD, Larry E	Montgomery
GAROFOLI, MD, Caesar A	Allegheny	GERDES, MD, Joseph H	Dauphin	GIVEN, MD, Kenneth M	Philadelphia	GOLDSTEIN, MD, Morton L	Allegheny
GARRETT JR, MD, William S	Allegheny	GERFIN, MD, Erneal R	Wyoming	GIVENS, MD, Frederick T	Dauphin	GOLDSTEIN, MD, Milton J	Lackawanna
GARRETT, MD, John C	Montour	GERGEN, MD, Werner A	Bredford	GLADSTONE, MD, Julian L	Delaware	GOLDSTEIN, MD, Norman S	Philadelphia
GARRETT, MD, William F	Delaware	GERGER, MD, Joseph P	Westmoreland	GLAH JR, MD, Henry J	Lancaster	GOLDSTEIN, MD, Norman A	Chester
GARRETTSON, MD, James A	Indiana	GERHART, MD, George R	Berks	GLANZBERG, MD, Pauline	Montgomery	GOLDSTEIN, MD, Robert C	Philadelphia
GARRIDO, MD, Eddy	Lancaster	GERLACH, MD, Dellel H	York	GLASER, MD, Barry L	Montgomery	GOLDSTEIN, MD, Steven J	Montgomery
GARRIOTT, MD, John C	Mercer	GERMAN, MD, Antonio I	Erie	GLASKIN, MD, Allen	Philadelphia	GOLDSTONE, MD, Harry A	Washington
GARRISON, MD, John M	Erie	GERMAN, MD, Terry M	Montgomery	GLASS, MD, Dorothee D	Philadelphia	GOLDSTONE, MD, Sheldon B	Lackawanna
GARRITY, MD, Gene C	Allegheny	GERNER, MD, P Calvin	Philadelphia	GLASS, MD, Gary M	Philadelphia	GOLDSTROM, MD, Robert G	Indiana
GARROTT, MD, John W	Armstrong	GERNETH, MD, George J	Allegheny	GLASS, MD, Phillip	Philadelphia	GOLDWEIN, MD, Manfried I	Philadelphia
GARSON, MD, Warfield	Allegheny	GERONIMO, MD, Lauro S	Northampton	GLASS, MD, Steven J	Philadelphia	GOLLA, MD, Chandra S	Allegheny
GARTLAND, MD, John J	Montgomery	GERRITSSEN, MD, Roy W	Montgomery	GLASSBURN, MD, Edward M	Allegheny	GOLLA, MD, Seraswethi K	Allegheny
GARTNER JR, MD, William S	Delaware	GERSHENFELD, MD, Mervin A	Philadelphia	GLASSBURN, MD, John R	Philadelphia	GOLLUB, MD, Morton J	Philadelphia
GARTNER, MD, William S	Delaware	GERSHOFF, MD, Arthur M	Philadelphia	GLASSER, MD, Stuart A	Westmoreland	GOLOMB, MD, Milton W	Allegheny
GARTNER, MD, Kenneth L	Allegheny	GERSHON, DO, Justin H	Philadelphia	GLASSMAN, MD, Solomon	Philadelphia	GOLOMB, MD, Norman G	Washington
GARVEY, MD, Edmund P	Allegheny	GERSON, MD, Irvin M	Montgomery	GLASSO, MD, Louis C	Allegheny	GOMAR, MD, Altonso A	Lackawanna
GARVEY, MD, William P	Erie	GERSON, MD, Leroy T	Delaware	GLAUDEL, MD, Stanley F	Philadelphia	GOMBAR, MD, Edward F	Lackawanna
GARVIN, MD, Eugene J	Philadelphia	GERSTBREIN, MD, Harry L	Armstrong	GLAUSER, MD, Elinor M	Philadelphia	GOMBERG, MD, Jack A	Philadelphia
GASCON, MD, Perla G	Philadelphia	GERSTLEY 3RD, MD, Louis	Dauphin	GLAUSER, MD, Felix E	Dauphin	GOMEZ, MD, Blence M	Montgomery
GASH, MD, Richard M	Philadelphia	GESSNER, MD, Thomas P	Westmoreland	GLAUSER, MD, Stanley C	Philadelphia	GOMEZ, MD, Luis L	Crawford
GASKINS, MD, Albert L	Philadelphia	GETSON, MD, Maurice	Philadelphia	GLAUSER, MD, Robert M	Philadelphia	GOMEZ, MD, Pedro F	Montgomery
GASOWSKI, MD, Gary L	York	GETTE, MD, Warren A	Franklin	GLAZERMAN, MD, Larry R	Lehigh	GOMEZ-DUMARAN, MD, Delfa	Montgomery
GASPAR, MD, Victor S	Philadelphia	GETTES, MD, Nancy J	Philadelphia	GLEASON, MD, George E	Allegheny	GONELLA, MD, Joseph S	Philadelphia
GASPARI, MD, Raymond J	York	GETTINGS, MD, Thomas H	Warren	GLEESON, MD, George H	Allegheny	GONZALES, MD, Albert	Bucks
GASTALDO, MD, John A	Lancaster	GETTY, MD, Thomas B	Philadelphia	GLENNEY, MD, Wilton R	Schuylkill	GONZALEZ, MD, Augusto	Allegheny
GASTINGER, MD, Joseph W	Lehigh	GETZ, DO, Herry D	Philadelphia	GLENNON, MD, Joseph A	Philadelphia	GONZALEZ, MD, Alejandro R	Allegheny
GASULL JR, MD, H Robert	Perry	GETZ, MD, William B	Philadelphia	GLICK, MD, Abraham	Philadelphia	GONZALEZ, MD, Roberto B	Philadelphia
GATES, MD, Robert E	Allegheny	GEVJAN, MD, Armen H	Delaware	GLICK, MD, Harold M	Allegheny	GOOD, MD, Daniel C	Lancaster
GATES, MD, Robert P	Allegheny	GHATAK, MD, Parimal K	Northampton	GLOCKER, MD, Rudolph K	Montgomery	GOOD, MD, Harry S	Lehigh
GATES, MD, Thomas N	Bucks	GHATE, MD, Sharad B	Allegheny	GLORIOSO, MD, Joseph J	Allegheny	GOOD, MD, Milton S	Lancaster
GATSKI, MD, Robert L	Montour	GHATNEKAR, MD, Jal V	Allegheny	GLOSSER, MD, William E	Berks	GOOD, MD, R Duene	Crawford
GATTER, MD, Carl W	Allegheny	GHOSH, MD, Bijoy K	Philadelphia	GLOWACKI, MD, Francis L	Venango	GOOD, MD, Robert F	Allegheny
GATTER, MD, Robert A	Montgomery	GHOSH, MD, Sureah C	Philadelphia	GLUCK, MD, Michael L	Dauphin	GOOD, MD, Robert P	Montgomery
GATTI, MD, Dominic L	Philadelphia	GHOSH, MD, Tari K	Montour	GLUCKMAN, MD, Stephen J	Philadelphia	GOOD, MD, Vance A	Bredford
GATTI, MD, Joseph W	Indiana	GHOSHHAJRA, MD, Kalyanmay	Allegheny	GNEGY, MD, Richard	Allegheny	GOODMAN, MD, Bruce	Dauphin
GATTO, MD, Frank M	Berks	GIACCIA, MD, Amato	Berks	GO JR, MD, William C	Cambria	GOODMAN, MD, Carl R	Montgomery
GAUDIO, MD, John C	Delaware	GIALAMAS, MD, Antonio	Allegheny	GO, MD, Josephine L	Delaware	GOODMAN, MD, Doria	Philadelphia
GAUDIO, MD, Ralph	Allegheny	GIAMBERTO, MD, Samuel R	Northampton	GO, MD, Welles P	Philadelphia	GOODMAN, MD, David B	Fayette
GAUDIOSE, MD, Michael C	Franklin	GIAMPETRO, MD, Anthony M	Philadelphia	GOBEL, MD, Reginald T	York	GOODMAN, MD, David H	Philadelphia
GAUGHAN, MD, Joseph F	Erie	GIANAKON, MD, Herry G	Philadelphia	GOCHOCO, MD, Jacinto J	York	GOODMAN, MD, Eli G	Philadelphia
GAUKLER, MD, Robert J	Montgomery	GIANNASIO, MD, Charles V	Montgomery	GODDARD JR, MD, James E	Lancaster	GOODMAN, MD, Elliott L	Berks
GAULIN, MD, J Claude	Northampton	GIANNOPoulos, MD, Peter H	Chester	GODDARD, MD, Katharine E	Philadelphia	GOODMAN, MD, Gerald A	Philadelphia
GAULT, MD, James H	Lancaster	GIBBONS, MD, Richard E	Philadelphia	GODINEZ-CEJUDO, MD, Jorge A	Philadelphia	GOODMAN, MD, Herry	Allegheny
GAUNTNER, MD, Wallace C	Erie	GIBBONS, MD, Robert J	Luzerne	GODSHALL, MD, Richard W	Bucks	GOODMAN, MD, Merk A	Allegheny
GAUSE, MD, Paul E	Lancaster	GIBBONS, MD, William P	Lancaster	GODSHALL, MD, Stanley M	Lancaster	GOODMAN, MD, Robert L	Philadelphia
GAVIN, MD, J Robert	Lackawanna	GIBBS, MD, Stephen D	Northampton	GOEBEL JR, MD, Henry	Northampton	GOODMAN, MD, Sanford M	Montgomery
GAVRYCK, MD, Wayne A	Franklin	GIBBS, MD, Winifred S	Chester	GOEBERT, MD, Herbert W	Chester	GOODMAN, MD, William H	Delaware
GAWCHIK, DO, Sandra M	Delaware	GIBSON JR, MD, Roy L	Butler	GOEHRING, MD, Donald E	Butler	GOODNER, MD, David M	Philadelphia
GAY, MD, Thomas C	Allegheny	GIBSON, MD, F Clay	Allegheny	GOEHRING, MD, Weller O	Allegheny	GOODRICH, MD, Jack K	Erie
GAYDOS, MD, Anne E	Philadelphia	GIBSON, MD, Glen G	Westmoreland	GOEL, MD, Inder P	Philadelphia	GOODWIN, MD, Andrew W	Venango
GAYDOS, MD, John D	Delaware	GIBSON, MD, William B	Montgomery	GOERINGER, MD, C Fred	Montgomery	GOODYEAR, MD, John H	Allegheny
GAYDOS, MD, Thomas L	Beaver	GIBSON, MD, William E	Allegheny	GOESER, MD, Eugene	Delaware	GOODYEAR, MD, James A	Montgomery
GAYECKI, MD, Richard J	Northampton	GIBSON, MD, William S	Allegheny	GOGGIN, MD, Leon D	Beaver	GOOTBLATT, MD, Stephen	Allegheny
GAYLOR, MD, Donald H	Lancaster	GIBSON, MD, William S	Allegheny	GOHEL, MD, Vijayalinh K	Philadelphia	GOPAL, MD, Krishnan A	Allegheny
GAYLOR, MD, Theodore H	Lehigh	GICK, MD, Stephen A	Westmoreland	GOITEIN, MD, Yelmin J	Allegheny	GOPAL, MD, Tirunily	Lehigh
GAYNOR, MD, William B	Lancaster	GIERING, MD, John F	Luzerne	GOKHALE, MD, Sudhir B	Erie	GOPALAKRISHNAN, MD,	
GAZER, MD, Aftab A	Northumberland	GIESECKE, MD, Susan B	Philadelphia	GOLD, MD, Allan	Philadelphia	Ramaswamy	Allegheny
GAZER, MD, Franciaco A	Luzerne	GILBERT, DO, Max	Philadelphia	GOLD, MD, Arnold Z	Venango	GOPPERUD, MD, Elizabeth J	Carbon
GAZEK, MD, Miguel G	Chester	GILBERT JR, MD, Earl B	Westmoreland	GOLD, MD, Estelle M	Philadelphia	GOPPELT, MD, John W	Montgomery

GORACCI, MD, Armando	Philadelphia	GREEN, MD, Lawrence	Delaware	GROSSMAN, MD, Larry B	Dauphin	HAGAN JR, MD, Eugene P	Philadelphia
GORALCZYK, MD, Edward J	Allegheny	GREEN, MD, Leland J	Montgomery	GROSSMAN, MD, Parry	Chester	HAGAN, MD, Eugene M	Allagheny
GORBY, MD, Charles K	Dalaware	GREEN, MD, Mayer A	Allagheny	GROSSMAN, MD, Ronald M	Dauphin	HAGARTY, MD, John J	Montgomery
GORDNER JR, MD, Jesse W	Monlour	GREEN, MD, M Edwin	Dauphin	GROSSO, MD, Daniel L	Dauphin	HAGER III, MD, George W	Monroe
GORDON, DO, Daniel S	Jeffarson	GREEN, MD, Mary H	Allegheny	GROTZINGER, MD, Paul J	Philadelphia	HAGERTY, MD, Frad D	York
GORDON, DO, Sanford A	Allegheny	GREEN, MD, Roy C	Schuykill	GROVE JR, MD, Dale A	Northampton	HAGES, MD, Foslter	Beaver
GORDON JR, MD, Kanneth H	Montgomery	GREEN, MD, Richard L	Alleghany	GROVE, MD, Bruce A	York	HAGGERTY, MD, Sally M	Northampton
GORDON, MD, Alan D	Mifflin-Junata	GREEN, MD, Robert L	Philadelphia	GROVE, MD, Daniel D	Philadelphia	HAGLUND, MD, Rodger B	Jefferson
GORDON, MD, Arthur E	Montgomery	GREEN, MD, Russell P	Bucks	GROVE, MD, Glenn P	York	HAGSTROM, MD, Ruth M	Philadelphia
GORDON, MD, Burgess L	Philadelphia	GREEN, MD, Stanley	Montgomery	GROVE, MD, Russell E	York	HAHN, MD, Adam W	Allegheny
GORDON, MD, Charles A	Lehigh	GREEN, MD, Thomas J	Cumberland	GROVE, MD, William K	York	HAHN, MD, George A	Philadelphia
GORDON, MD, Dudley R	Dauphin	GREEN, MD, William	Philadelphia	GROVER, MD, Sukhdev S	Alleghany	HAHN, MD, Kon S	Lackawanna
GORDON, MD, Elizabeth H	Allegheny	GREENAWALD, MD, Henry A	Dauphin	GROVERMAN, MD, Lastar J	Dalaware	HAIMOWITZ, MD, Samuel I	Philadelphia
GORDON, MD, Ernest M	Philadelphia	GREENAWALT, MD, Robert G	Franklin	GROW, MD, David V	Luzerne	HAIR, MD, Howard L	Northampton
GORDON, MD, Harold E	Westmoreland	GREENBAUM, MD, Charles H	Philadelphia	GRUBB, MD, Robert A	Northumberland	HAIR, MD, Su C	Philadelphia
GORDON, MD, Isadore	Chaster	GREENBAUM, MD, James K	Armslrong	GRUBB, MD, Willard Y	Berks	HAIRSTON JR, MD, John C	Alleghany
GORDON, MD, Joseph	Philadelphia	GREENBERG, MD, Harry H	Philadelphia	GRUBBS, MD, Robert M	Allegheny	HAJ-DJAFARI, MD, Azzeh	Venango
GORDON, MD, John F	Philadelphia	GREENBERG, MD, Jack O	Philadelphia	GRUBER, MD, Heinz K	Philadelphia	HAJALA, MD, Thomas R	Allegheny
GORDON, MD, James K	Bedford	GREENBERG, MD, Leonard F	Philadelphia	GRUBER, MD, John W	Barks	HAKEAS, MD, Joseph F	Allegheny
GORDON, MD, Joseph S	Delaware	GREENBERG, MD, Michael R	Clinton	GRUMET, MD, Barnard A	Allegheny	HAKE, MD, Jean H	Dauphin
GORDON, MD, Jacob S	Philadelphia	GREENBERG, MD, Marvin S	Philadelphia	GRUNBERG, MD, Robert W	Lahigh	HAKE, MD, Hadi I	Philadelphia
GORDON, MD, Lawrence A	Montgomery	GREENBERG, MD, Steven J	Philadelphia	GRUNDY, MD, Betty L	Allegheny	HAKKARINEN, MD, William D	Luzerne
GORDON, MD, Michael E	Berke	GREENBERG, MD, Steven M	Jefferson	GRUNT, MD, Richard F	Philadelphia	HALBERT, MD, David R	Dauphin
GORDON, MD, Michael J	Lehigh	GREENBERG, MD, Sigmund R	Montgomery	GRUSZKA, MD, Francis A	Monroe	HALE, MD, Edward H	Allegheny
GORDON, MD, Milton S	Westmoreland	GREENBERG, MD, Wayne V	Alleghany	GRYCZKO, MD, Gerald A	Lackawanna	HALE, MD, Robert G	Montgomery
GORDON, MD, Robert A	Labanon	GREENBURG, MD, Morren J	Mercer	GSCHWEND III, MD, Paul	Lancaster	HALE, MD, Robert H	Bucks
GORDON, MD, Richard S	Allegheny	GREENE, MD, Donald H	Philadelphia	GU, MD, Jeng Y	Bradford	HALE, MD, Raymond M	Adams
GORDON, MD, Susan J	Philadelphia	GREENE, MD, Lloyd B	Philadelphia	GUANZON, MD, Danilo L	Crawford	HALE, MD, Thomas K	Schuykill
GORDON, MD, Stanley L	Dauphin	GREENE, MD, Lucilla T	Berks	GUARINI, MD, Pasquale B	Delaware	HALE, MD, Wayne A	Westmoreland
GORDON, MD, Wendell B	Allegheny	GREENE, MD, Ronald B	Philadelphia	GUEHL, DO, John J	Alleghany	HALE, MD, Stephen E	Allegheny
GORDON, MD, William S	Dauphin	GREENE, MD, Robert F	Indiana	GUEHL, MD, John J	Allegheny	HALICKE, MD, Philip V	Westmoreland
GOREN, MD, Elihu N	Montgomery	GREENFIELD, MD, Lawrence S	Monlour	GUELCHER, MD, Robert T	Erie	HALL II, MD, Robert F	Cumberland
GOREN, MD, Ronald C	Philadelphia	GREENFIELD, MD, Samuel L	Philadelphia	GUENTER, MD, Fritz E	Mckaan	HALL JR, MD, John H	Washington
GOREN, MD, Stanley E	Philadelphia	GREENFIELD, MD, Val S	Philadelphia	GUERRERO, MD, Juan R	Philadelphia	HALL, MD, Daniel A	Philadelphia
GORMLEY, MD, James B	Columbia	GREENLEE, MD, Danl P	Greane	GUERRERO, MD, Rodolfo	Alleghany	HALL, MD, Edward L	Allegheny
GORRY, MD, John D	Delaware	GREENSPAN, MD, Allan M	Philadelphia	GUESON, MD, Emarila T	Philadelphia	HALL, MD, I Macdonald	Montgomery
GORSKY, MD, Benjamin H	Cumberland	GREENSPAN, MD, Herbert S	Montgomery	GUILLARD, MD, Paler M	Cantrre	HALL, MD, John H	Philadelphia
GOSFIELD JR, MD, Edward	Philadelphia	GREENSPAN, MD, Mitchell M	Bucka	GUINTO, MD, Jose C	Allegheny	HALL, MD, Jack R	Crawford
GOSHORN, MD, Roy W	Blair	GREENSPON, MD, Samuel E	Montgomery	GUIRGUIS, MD, Morris F	Allegheny	HALL, MD, Robert L	Centire
GOSZTONYI JR, MD, Rudolph E	Northampton	GREENSTEIN, MD, Sidney	Philadelphia	GUINALDA-CASTRO, MD, Namesia G	Dalaware	HALL, MD, Robert L	Dalaware
GOTTLIEB, MD, Jerry	Montgomery	GREENWALD, MD, Earl F	Philadelphia	GUISE, MD, Lynn G	Mifflin-Junata	HALL, MD, Vincant B	Allegheny
GOTTHEIL, MD, Edward	Philadelphia	GREENWALD, MD, Joseph	Delaware	GULISTWITE, MD, Kanneth R	Cumberland	HALL, MD, William A	Allegheny
GOTTLIEB, DO, Marshall M	Philadelphia	GREENWALD, MD, Stanley M	Montour	GULARSKI, MD, Alice S	Alleghany	HALLAHAN, MD, William F	Lebanon
GOTTLIEB, MD, Harry	Philadelphia	GREENWOOD, MD, Slevan M	Dauphin	GULICK, MD, Thomas H	Monroe	HALLE, MD, Carlton I	York
GOTTLIEB, MD, Philip M	Lancaster	GREER III, MD, Robert B	Allegheny	GULLOTTI, MD, Michael J	Philadelphia	HALLERMEIER JR, MD, Robert G	Schuykill
GOTTLIEB, MD, Robert J	Philadelphia	GREGG, MD, Frank J	Allegheny	GUMERMAN, MD, Lewis W	Alleghany	HALLETT, MD, Joseph W	Philadelphia
GOTTLIEB, MD, Ronald S	Philadelphia	GREGG, MD, Grace S	Alleghany	GUMINA, MD, Guisappe G	Berks	HALLISEY, MD, John G	Beaver
GOTTLIEB, MD, Stanley	Philadelphia	GREGG, MD, John R	Alleghany	GUMINA, MD, Thomas F	Delaware	HALLOCK, MD, Margaret E	Dauphin
GOTTLIEB, MD, Samuel	Crawford	GREGG, MD, John S	Buller	GUMNIT, MD, Robert Y	Philadelphia	HALPERIN, MD, Mayer A	Monroe
GOTTSHALL, MD, Samuel C	Lackawanna	GREGG, MD, Thomas S	Alleghany	GUNNET, MD, Oren W	Alleghany	HALPERN, MD, Barton L	Lancaster
GOUGER, MD, Dale B	Berks	GREGO, MD, J Gregory	Alleghany	GUNDERSON, MD, Robert L	Luzerne	HALPERN, MD, Barry R	Philadelphia
GOULD, MD, John H	Blair	GREGORY, MD, Daniel H	Alleghany	GUNNET, MD, Oren W	York	HALTRECHT, DO, Leonard	Delaware
GOULD, MD, Richard B	Philadelphia	GREGORY, MD, George W	Barks	GUNSTER, MD, Gerald D	Luzerna	HAM, MD, James W	Venango
GOULDIN, MD, Judith A	Lycoming	GREGORY, MD, Robert E	Allegheny	GUPTA, MD, Girwarlal	Monroe	HAM, MD, Tong H	Mercer
GOULEY, MD, Benjamin A	Philadelphia	GREISSINGER, MD, Walter M	Allegheny	GUPTA, MD, Krishna G	Allegheny	HAMADANI, MD, Houshang G	Lehigh
GOURASH, MD, Leona	Allegheny	GRENVIK, MD, Aka N	Alleghany	GUPTA, MD, Mahash C	Bucks	HAMANN, MD, Josa G	Philadelphia
GOURGOUTIS, MD, George D	Erie	GRESS, MD, Francis A	Northampton	GUPTA, MD, Sarv K	Warren	HAMATY, MD, Ronald M	Cambria
GOUW, MD, Christopher B	Carbon	GRESS, MD, Gordon A	Cambria	GUPTA, MD, Vinodini	Warren	HAMBURG, MD, Allen E	Montgomery
GOVI, MD, Joseph R	Westmoreland	GRESS, MD, William W	Baavar	GUPTA, MD, Ved P	Philadelphia	HAMDI, MD, Louisa O	Philadelphia
GOWDEY, MD, M Agnes	Philadelphia	GRESSLY, MD, Donald W	Berka	GUREGHIAN, MD, Patricia A	Montgomery	HAMIDI, MD, Jafar A	Mckaan
GOWEN, MD, George F	Montgomery	GRETH, MD, Warren E	Lahigh	GURGUN, MD, Malih	Alleghany	HAMILTON, MD, Angie S	Philadelphia
GOWING, MD, Jean	Philadelphia	GREYBUSH, MD, Joseph N	Dauphin	GURKAYNAK, MD, Nacmi	Alleghany	HAMILTON, MD, Robert W	Dauphin
GOYNE, MD, Ruth G	Delawara	GRIBB, MD, Josaph C	Bucks	GURKAYNAK, MD, Nacmi	Alleghany	HAMILTON, MD, Ralph W	Philadelphia
GOZUM, MD, Carmen Z	Northampton	GRIEB, MD, John J	Allegheny	GUSTAINIS, MD, George J	Wayne Pike	HAMILTON, MD, Robert W	Allegheny
GRAB, MD, Edmundo M	Blair	GRIEBIK, MD, Michael	Lycoming	GUSTAITIS, MD, Joseph A	Lackawanna	HAMILTON, MD, William C	Philadelphia
GRABIAK, MD, Gregory D	Westmoreland	GRIECO, MD, Victor F	Philadelphia	GUSTAVSON, MD, Rogar B	Dauphin	HAMILTON, MD, William L	Philadelphia
GRABIAS, MD, Stanley L	Berks	GRIESBACK, DO, Russell	Luzerne	GUSTIN, MD, Thomas A	Erie	HAMM, MD, Charles R	Allegheny
GRABOWSKI, MD, Marie A	Luzerne	GRIESMER, MD, Paul D	Centra	GUTEKUNST, MD, Paul E	Philadelphia	HAMM, MD, William G	Lycoming
GRABOYES, MD, Arnold B	Lycoming	GRIESS, MD, Alfred H	Dauphin	GUTHKELCH, MD, Arthur N	Allegheny	HAMME, MD, Elmer G	York
GRACE, MD, Helen K	Philadelphia	GRIFF, MD, Leonard C	Dauphin	GUTHLEBEN, MD, John G	Erie	HAMMER, MD, Samuel F	Beaver
GRACE, MD, James J	Susquehanna	GRIFF, MD, Roberta E	Dauphin	GUTHRIE, MD, Michael A	Alleghany	HAMMER, MD, William J	Philadelphia
GRACEY, MD, Jack G	York	GRIFFEN, MD, Helan S	Venango	GUTHRIE, MD, Marshall B	Montgomery	HAMMERMAN, MD, Stevan	Philadelphia
GRAD, MD, Charles T	Lackawanna	GRIFFEN, MD, R Howard	Venango	GUTHRIE, MD, Robert J	York	HAMMETT, DO, James N	Adams
GRADY, MD, James W	Cambria	GRIFFIN, MD, Percy W	Baavar	GUTHRIE, MD, William J	Montgomery	HAMMETT, MD, James H	Adams
GRAF, MD, David F	Graane	GRIFFITH, DO, Paul L	Clarion	GUTIERREZ, MD, Emmelina P	Philadelphia	HAMMOND III, MD, N Laroy	Montgomery
GRAF, MD, Kenneth W	Dauphin	GRIFFITH JR, MD, Vincant A	Montgomery	GUTIERREZ, MD, Lina C	Dauphin	HAMMOND, MD, Charles P	Lancaster
GRAFF, MD, Charles K	Waalmoreland	GRIFFITH, MD, Charles O	Philadelphia	GUTKNECHT, MD, David R	Montour	HAMOY, MD, Alica G	Lycoming
GRAHAM III, MD, William P	Cumberland	GRIFFITH, MD, Glenn G	Cambria	GUTKNECHT, MD, David R	Washington	HAMOY, MD, George L	Lycoming
GRAHAM, MD, Garth K	Philadelphia	GRIFFITH, MD, Joseph B	Allegheny	GUTNICK, MD, Morton	Philadelphia	HAMPPEL, MD, Avraham	Philadelphia
GRAHAM, MD, Mark G	Philadelphia	GRIFFITH, MD, John R	Bedford	GUTTMANN, MD, Paul	Luzerna	HAMPSEY, MD, John A	Northampton
GRAHAM, MD, Thomas R	Allagheny	GRIFFITH, MD, Reynold S	Jefferson	GUTTMANN, MD, Gad G	Philadelphia	HAMPSEY, MD, Joseph W	Allegheny
GRAMMES, MD, Charles F	Montour	GRIFFITHS, MD, Charles W	Barka	GUYER, MD, Samuel	Montgomery	HAMPTON, MD, Janel A	Philadelphia
GRANA, MD, Philip C	Bedford	GRILL, MD, Winfrad E	Graana	GUYTON, MD, William L	Franklin	HAMPTON, MD, Louis J	York
GRANA, MD, Vicante P	Philadelphia	GRIM, MD, Mark D	Philadelphia	GUZEK, MD, Joseph T	Lackawanna	HAMSHER, MD, James R	Crawford
GRANADOS, MD, Nicanor G	Berks	GRIMES, MD, Clarence W	Philadelphia	GUZMAN, MD, Jose G	Northampton	HAMZAVI-ABEDI, MD, Siamak	Lackawanna
GRANADOS, MD, Suzita N	Barks	GRISKA, MD, Joel A	Philadelphia	GUZZARDI, MD, Lawranca J	York	HAN, MD, Chong C	Franklin
GRANDON, MD, Raymond C	Dauphin	GRISKA, MD, Linda A	Alleghany	GUZZO, MD, Carl P	York	HAN, MD, Dalsco	Alleghany
GRANING, MD, George E	York	GRISNIK JR, MD, John A	Lancaster	GVOZDEN, MD, Robert	Lehigh	HAN, MD, Samuel I	Butler
GRANOWITZ, MD, Samuel P	Allegheny	GRISWOLD, MD, Arthur S	Philadelphia	GWIRTZ, MD, Kenneth H	Cambria	HAN, MD, Sum K	Allegheny
GRANT, MD, Alfred A	Warren	GROFE, MD, Jerrold G	Lebanon		Canira	HAN, MD, Yoong O	Allegheny
GRANT, MD, Alstair M	Lancaster	GROH, MD, John R	Berks			HANBY JR, MD, W Forwood	Montgomery
GRANT, MD, B David	Delaware	GROH, MD, William C	Montgomery			HANCE, MD, Burtis M	Northampton
GRASMICK, MD, Albert L	Adams	GROHMAN, MD, Jonathan M	Montgomery			HANCOCK, MD, Reginald A	Alleghany
GRASSE JR, MD, John M	Lancaster	GROLL, MD, Michael	Erie			HANCOX, MD, Cecil W	Montgomery
GRASSI, MD, Michael O	Philadelphia	GROLLMAN, MD, Edwin M	York			HAND, MD, Herold R	Adams
GRATZ, DO, Irwin	Philadelphia	GROLMAN, MD, Dannis M	Philadelphia			HAND, MD, John G	Philadelphia
GRAU, MD, Keith E	Lawrence	GROSH, MD, Juliete D	Lancaster			HAND, MD, Roy H	Montgomery
GRAUEL JR, MD, Theodore A	Philadelphia	GROSH, MD, John L	Lancaster			HANDELSMAN, MD, Oliver	Allegheny
GRAVES JR, MD, Beverly	Northampton	GROSH, MD, Joseph W	Lancaster			HANDFORD, MD, H Allen	Dauphin
GRAY, DO, John M	Allegheny	GROSH, MD, Paul R	Lancaster			HANDLER, MD, Steven D	Philadelphia
GRAY III, MD, Samuel	Philadelphia	GROSH, MD, William B	Lancaster			HANES, MD, Kenneth F	Westmoreland
GRAY JR, MD, Frank D	Allegheny	GROSH, MD, William K	Lancaster			HANES, MD, Robert B	Delaware
GRAY JR, MD, George H	Allegheny	GROSKY, MD, Murrey B	Lebenon			HANGEN, MD, Normen M	Berke
GRAY, MD, Cynthia A	Allegheny	GROSS, MD, Benjamin A	Philadelphia			HANHAUSEN JR, MD, Edward H	Montgomery
GRAY, MD, David W	Union	GROSS, MD, Charles N	Allegheny			HANISEK, MD, William F	Northampton
GRAY, MD, Frieda G	Philadelphia	GROSS, MD, Daniel J	Montgomery			HANJANI, MD, Parviz	Philadelphia
GRAY, MD, Herbert M	Beaver	GROSS, MD, Donald R	York			HANJURA, MD, Giridheri L	Berks
GRAY, MD, Jerry L	Cambrie	GROSS, MD, Jeffrey B	Philadelphia			HANLON, MD, John J	Cumberland
GREBER, DO, A Alvin	Philadelphia	GROSS, MD, Lawrence S	Berks			HANLON, MD, James T	Allegheny
GRECO, MD, Joseph F	Northumberland	GROSS, MD, Michael A	Lycoming			HANLON, MD, Paul A	Luzerne
GRECO, MD, Toby A	Philadelphia	GROSS, MD, Marie M	Mercer			HANNA, MD, Dwight C	Allegheny
GRECO, MD, Victor F	Luzerne	GROSS, MD, Paul K	Allegheny			HANNA, MD, Ezzel A	Berks
GREEN 3RD, MD, Joseph E	Cumberland	GROSS, MD, Paul R	Lehigh			HANNA, MD, Herbert L	Indiene
GREEN JR, MD, William T	Allegheny	GROSS, MD, Richard H	Philadelphia			HANNA, MD, Reoul E	Lackewanne
GREEN, MD, Arthur H	Beaver	GROSSMAN, MD, Eric J	Chester			HANNA, MD, Salah G	Westmoreland
GREEN, MD, Bradford	Bucks	GROSSMAN, MD, Gilbert	Bucks			HANNO, MD, Harold A	Philadelphia
GREEN, MD, Berry P	Montgomery	GROSSMAN, MD, Ira C	Philadelphia			HANRAHAN, MD, James B	Allegheny
GREEN, MD, George R	Montgomery	GROSSMAN, MD, Joseph N	Luzerne			HANSBERRY, MD, James T	Lancaster
GREEN, MD, Joseph E	Cumberland		Philadelphia				

HANSEN, MD, Carl A	Bucks	HATTOUM, MD, Pittagore	Westmoreland	HENDERSON, MD, Ellsworth W	Eria	HILL, MD, Daniel E	Lycoming
HANSON JR, MD, C William	Philadelphia	HAUCK, MD, Samuel M	Lancaster	HENDERSON, MD, K Wayne	Lycoming	HILL, MD, Edward	Cambria
HANSON, MD, Elbert L	Eria	HAUER, MD, Marlin L	Lebanon	HENDERSON, MD, Patar B	Allagheny	HILL, MD, E Merton	Lehigh
HANSON, MD, Teraaa S	Chester	HAUGER, MD, Harold N	Westmoreland	HENDERSON, MD, Rugh A	Dauphin	HILL, MD, John B	Allagheny
HANZEL, MD, George D	Cambria	HAUPT JR, DO, Harvey R	Barks	HENDERSON, MD, Robert E	Lawrance	HILL, MD, Robert J	Blair
HAPPEL, MD, John L	Allagheny	HAUPT, MD, Earl O	Somerset	HENDERSON, MD, Thadorea A	Montgomery	HILL, MD, Walter C	York
HARADA, MD, William A	Northampton	HAUPT, MD, Gaorga J	Philadelphia	HENDLER, MD, Barry H	Philadelphia	HILL, MD, William R	Jafferson
HARADIN, MD, Anthony R	Allagheny	HAUS, MD, William	Allagheny	HENDLER, MD, Howard M	York	HILLEMEIR, MD, Harbert	Blair
HARAKAL, MD, Thomas P	Monroe	HAUSER, MD, John R	Washington	HENDRICKS JR, MD, Gilbert L	Cantra	HILLER JR, MD, Walter W	Allagheny
HARASYM JR, MD, Emil L	Columbia	HAUSER, MD, Norman	Montgomery	HENDRICKS JR, MD, William C	Eria	HILLIKER, MD, Jan K	Montour
HARASYM, MD, Eugene D	Lackawanna	HAUSER, MD, Raymond J	Barks	HENDRICKS, MD, Charles S	Blair	HILLYER, MD, Petar N	Chaster
HARBACH, MD, Harrison F	Adams	HAUT, MD, Michael J	Philadelphia	HENDRICKS, MD, Robert T	Crawford	HILTON, MD, Alexander E	Allagheny
HARDEE, MD, Kay Cuthbert	Montgomery	HAVENS JR, MD, Walter P	Philadelphia	HENDRICKSON, MD, Donald C	Franklin	HIMELFARB, MD, Hillard M	Franklin
HARDESTY, MD, Robert L	Allagheny	HAVER, MD, Paul M	Beaver	HENDRICKSON, MD, Frank O	Dalaware	HIMES JR, MD, Ralph F	Blair
HARDING, MD, Robert L	Dauphin	HAVRILLA, MD, Thomas R	Erie	HENDRY, MD, Stanley G	Allagheny	HIMMELSTEIN, MD, Eugana	Dalaware
HARDJASUDARMA, MD, Mardjohan	Allagheny	HAWK, MD, Brainard O	Allegheny	HENIKOFF, MD, Leo M	Philadelphia	HIMOT, MD, Linda J	Allagheny
HARDY, MD, Chsrlas A	Bucks	HAWK, MD, David L	York	HENNESSY JR, MD, Vincant L	Philadelphia	HINCHBERGER, MD, Paul A	Butlar
HARDY, MD, Heidrun D	Eria	HAWKINS, MD, Edward R	Bucks	HENNIGAN, MD, John J	Lackawanna	HINCHLIFFE, MD, Joseph G	Allagheny
HARE, MD, Jeffrey D	Northampton	HAWKINS, MD, James G	Allagheny	HENNINGER, MD, James M	Allegheny	HINEBAUGH JR, MD, Mahlon C	Philadelphia
HARGLEROAD II, MD, John A	Cantra	HAWKINS, MD, Theodora F	Philadelphia	HENNINGER, MD, William H	Berks	HINEMAN, MD, Marquis W	Beaver
HARGRAVE, MD, Hugh J	Lancaster	HAWKINS, MD, Walter D	Dauphin	HENNON, MD, Don L	Allagheny	HINES, MD, Joseph H	Erie
HARKCOM, MD, Richard K	Washington	HAUTHORNE, MD, Herbert R	Philadelphia	HENRIQUES, MD, Errol D	Cambria	HINES, MD, Roderick E	Lancaster
HARKINS, MD, Francis A	Chaster	HAY, MD, Harold S	Somerset	HENRY JR, MD, Edgar S	Allagheny	HINGSON JR, MD, Robert A	Allagheny
HARKINS, MD, Herbert P	Philadelphia	HAYASHI, MD, T Terry	Allagheny	HENRY JR, MD, Leland T	Allagheny	HINKENS, MD, George F	Montour
HARLAN, MD, William K	Northampton	HAYAT, MD, Shaikat	Allegheny	HENRY, MD, Laland T	Armstrong	HINKLE, DO, Richard S	Bradford
HARLEY, MD, John B	Cambria	HAYES JR, MD, Arthur H	Dauphin	HENRY, MD, Walter J	Mckean	HINSMAN JR, MD, John A	Franklin
HARLEY, MD, Robison D	Philadelphia	HAYES JR, MD, Martin F	Philadelphia	HENSLEY, MD, Fradarick A	Dauphin	HINTERKOPF, MD, John P	York
HARM JR, MD, Kenneth R	Dauphin	HAYES, MD, Brian L	Philadelphia	HENSTELL, MD, Philip	Lackawanna	HINTON III, MD, James H	Dalaware
HARMAN, MD, Robert G	Lehigh	HAYES, MD, George T	Philadelphia	HEPP, MD, Joseph A	Allegheny	HIPOLITO, MD, Aurora T	Clearfield
HARMON, MD, Eli B	Montgomery	HAYES, MD, James C	Allagheny	HEPPNER, MD, Richard L	Allagheny	HIPOLITO, MD, Ernasto A	Clearfield
HARNISH, MD, David M	Lancaster	HAYES, MD, James D	Allagheny	HERB, MD, Robert W	Allagheny	HIPP, MD, Thomas J	Bucks
HARP, MD, James R	Philadelphia	HAYES, MD, Merrill B	Dalaware	HERBISON, MD, Gerald J	Philadelphia	HIPPERT, DO, Robert K	Barks
HARPER JR, MD, John J	Westmoreland	HAYES, MD, Martin F	Philadelphia	HERBST, MD, Barnadatta A	Dauphin	HIPPLE, MD, Randall F	Lycoming
HARPER, MD, John B	Montgomery	HAYES, MD, Warren H	Lycoming	HERCEG, MD, Staphan J	Allegheny	HIPPS, MD, John G	Clarion
HARPER, MD, James G	Northampton	HAYESLIP, MD, David W	Allegheny	HERGESHEIMER, MD, Laster	Philadelphia	HIRSCH, MD, Bernard	Beaver
HARPS, MD, James A	Monroe	HAYFORD JR, MD, Hugh	Blair	HERMAN, MD, Carl D	Philadelphia	HIRSCH, MD, Glenn M	Lebanon
HARR, MD, Douglas P	Bucks	HAYLLAR, MD, Benjamin L	Philadelphia	HERMAN, MD, Charles W	Philadelphia	HIRSCH, MD, Jack H	Eria
HARRELL, MD, Dick D	Philadelphia	HAYMAN, MD, Harry B	Bucks	HERMAN, MD, Harry	Philadelphia	HIRSCH, MD, Stanley A	Allegheny
HARRER JR, MD, William J	Mercer	HAYMAN, MD, Harris R	Chester	HERMAN, MD, Harold	Allegheny	HIRSCH, MD, Stuart D	Allegheny
HARRER, MD, Daniel C	Delaware	HAYNICZ, MD, Petar	Monroe	HERMAN, MD, Julius	Philadelphia	HIRSCH, MD, Stuart E	Bucks
HARRIGER, MD, Clyde E	Cambria	HAYS, MD, E Blaina	Cumbarland	HERMAN, MD, Jerry H	Allegheny	HIRSCH, MD, William P	Cambria
HARRIGER, MD, Miles D	Lancaster	HAYTHORNTWAITE, MD, B Mary	Montgomery	HERMAN, MD, Marianne	Philadelphia	HIRSH, MD, Bernard C	Philadelphia
HARRING, MD, Maynard L	Schuylkill	HAYTMANEK, MD, Craig T	Northampton	HERMAN, MD, Richard D	Northampton	HIRSH, MD, Harman	Philadelphia
HARRIS, MD, Barry C	Allegheny	HAZEN, MD, S Frank	Crawford	HERMAN, MD, Ronald J	York	HIRSH, MD, Leonard F	Philadelphia
HARRIS, MD, David T	Philadelphia	HAZLETT JR, MD, Walter S	Westmoreland	HERMAN, MD, Roman K	Northampton	HIRSH, MD, Robert A	Philadelphia
HARRIS, MD, Floyd L	York	HAZLETT, MD, Frank D	Washington	HERMAN, MD, Walter M	Philadelphia	HIRSH, MD, S Jay	Dalaware
HARRIS, MD, Harold J	Luzerne	HAZLETT, MD, Jana	Luzerne	HERMANN, MD, Christophar P	Bucks	HIRSH, MD, Stavan L	Philadelphia
HARRIS, MD, Howard Y	Luzerne	HAZLETT, MD, William H	Luzerne	HERMANN, MD, George A	Philadelphia	HIRST, MD, John C	Philadelphia
HARRIS, MD, James S	Philadelphia	HAZZOURI, MD, Michela A	Lackawanna	HERNANDEZ, MD, Wilbert E	Luzerna	HIRSCH, MD, Glenn D	Washington
HARRIS, MD, Lawrence K	Barks	HEADLEY, MD, Chauncey R	Washington	HEROLD, MD, Sanford L	Philadelphia	HITCHCOCK, MD, John	Allegheny
HARRIS, MD, Max	Delaware	HEADLEY, MD, Kenneth P	Allegheny	HERR, MD, Bonnie H	Allegheny	HITCHNER, MD, Lawis C	Delaware
HARRIS, MD, Richard H	Montgomery	HEADLEY, MD, Kenneth H	Vanango	HERR, MD, Douglas V	Allegheny	HNELESKI JR, MD, Ignatius S	Chaster
HARRIS, MD, Ronald I	Luzerne	HEATH, MD, Erie M	Allagheny	HERR, MD, John R	York	HNELESKI JR, MD, Ignatius S	Philadelphia
HARRIS, MD, Richard N	Allegheny	HEATH, MD, Robert D	Montour	HERRERA, MD, Anibal F	Philadelphia	HO, MD, Monto	Allegheny
HARRIS, MD, Stanley R	Lehigh	HEATON, MD, Vincent W	Blair	HERRING, MD, Allan B	Philadelphia	HO, MD, Raymond C	Eria
HARRISON JR, MD, Joseph	Montgomery	HEAZLETT, MD, William A	Allegheny	HERRING, MD, William	Philadelphia	HO, MD, Sze K	Eria
HARRISON, MD, Anthony M	Allagheny	HEBERLING, MD, Thomas P	Lebanon	HERROLD, MD, Lewis C	York	HO, MD, Yae C	Washington
HARRISON, MD, Cynthia	Lancaster	HECK, MD, Warren B	Montgomery	HERROLD, MD, Sharmen E	Dauphin	HOBBART, MD, John H	Northampton
HARRISON, MD, C Scott	Dauphin	HECK, MD, Harry J	Allagheny	HERROLD, MD, Warren C	York	HOBBBS, MD, Joseph H	Schuylkill
HARRISON, MD, Frank D	Westmoreland	HECKER, MD, Arthur O	Chaster	HERRON JR, MD, James R	Philadelphia	HOBBBS, MD, Robert E	Schuylkill
HARRISON, MD, James L	Lycoming	HECKLIN, MD, Oscar B	Philadelphia	HERRON, MD, Eugene W	Westmoreland	HOBBBS, MD, Thomas R	Dauphin
HARRISON, MD, Timothy S	Labanon	HECKSHER, MD, Rudolph H	Delaware	HERRON, MD, Frank T	Allagheny	HOBERMAN, MD, Edward	Clinton
HARROP, MD, Donald E	Chaster	HEDGES JR, MD, Thomas R	Philadelphia	HERSCHAFT, MD, Richard J	Lancaster	HOBERMAN, MD, Maury	Chaster
HARRY, MD, Harriet M	Centra	HEDRICK, MD, Garald W	Bucks	HERSCHMANN, MD, Ksathame	Philadelphia	HOCH, MD, Aaron A	Lycoming
HARRYMAN III, MD, William K	Lancaster	HEDRICK, MD, Thomas A	Cambria	HERSH, MD, J Josaph	Allegheny	HOCH, MD, Bradley R	Adams
HARSHAW JR, MD, Edward	Dalawara	HEFFERNAN, MD, Andrew H	Lehigh	HERSHENSON, MD, Lae M	Allagheny	HOCH, MD, Carl W	Allagheny
HARSHMAN, MD, Leroy D	Graena	HEFFLEY, MD, William M	Dauphin	HERSHEY, MD, Richard E	Allagheny	HOCH, MD, John J	Northampton
HART, MD, George R	Lawrence	HEFFLIN, MD, Charles M	Allagheny	HERSHFIELD, MD, David H	Lackawanna	HOCH, MD, Willis S	Barks
HART, MD, Philip L	Fayette	HEGARTY, MD, Francis A	Allegheny	HERSHOCK, MD, Bruca A	Westmoreland	HOCHBERG, MD, Robert D	Philadelphia
HART, MD, Thomas M	York	HEGDE, MD, Laxmi N	Beaver	HERSPERGER, MD, Wabb S	Cumbarland	HODES, MD, Philip J	Philadelphia
HARTER, MD, Alan C	Eria	HEIBEL, MD, Richard H	Eria	HERTZER, MD, Charles S	Lahigh	HODGE, MD, Arthur J	Dauphin
HARTER, MD, Lao	Allagheny	HEID, MD, Charles E	Clinton	HERTZLER JR, MD, John V	Cumbarland	HODGE, MD, Ian G	Lancaster
HARTFORD, MD, Charles E	Dalawara	HEIDARY, MD, Ghodrataliah	Montgomery	HERTZOG, MD, Francis J	Washington	HODGENS, MD, Halan L	Philadelphia
HARTFORD, MD, Thomas B	Baaver	HEIDENREICH, MD, Frad P	Allagheny	HERTZOG, MD, James E	Allegheny	HODGES, MD, John H	Philadelphia
HARTLE, MD, John E	Bedford	HEIDENREICH, MD, H Vincent	Allagheny	HERZEL JR, MD, Frank B	Dauphin	HODGSON, MD, John P	Allagheny
HARTMAN 2ND, MD, Samuel A	Lebanon	HEILIGMAN, MD, Nathan H	Lehigh	HERZOG, MD, Robert S	Philadelphia	HOENSTINE, MD, Arthur C	Lawrance
HARTMAN, MD, Clifford C	Allagheny	HEILMAN, MD, Howard C	Armstrong	HEBACHER, MD, Edwin N	Montour	HOERNER, MD, George H	York
HARTMAN, MD, Charles E	York	HEILMAN, MD, J Daniel	Allagheny	HESKEL, MD, Milton M	Philadelphia	HOERNER, MD, Oscar G	Cumbarland
HARTMAN, MD, Harry S	Franklin	HEIM, MD, Helan L	Franklin	HESLOP, MD, Robert C	Allegheny	HOERNER, MD, Ralph W	Philadelphia
HARTMAN, MD, H King	Westmoreland	HEIM, MD, Oscar E	Philadelphia	HESS JR, MD, Grant E	Washington	HOFF, MD, Henry B	York
HARTMAN, MD, Michael J	Vanango	HEIM, MD, William J	Lackawanna	HESS, MD, Chastar C	Indiana	HOFFMAN JR, MD, George L	Philadelphia
HARTMAN, MD, Owan W	Franklin	HEIMAN, MD, Donald F	Philadelphia	HESS, MD, Edward R	Tioga	HOFFMAN JR, MD, Harry H	Lancaster
HARTMAN, MD, William F	Lancaster	HEIMBACH, MD, George Z	Northampton	HESS, MD, Floyd M	Northampton	HOFFMAN JR, MD, Lewis A	Dauphin
HARTMANN JR, MD, Richard W	Chester	HEIMBACH, MD, James A	Blair	HESS, MD, Ivan W	Montgomery	HOFFMAN JR, MD, Nicholas F	Philadelphia
HARTMANN, MD, Dsvid B	Allegheny	HEINBACH, MD, Robert A	Northumberland	HESS, MD, Joseph B	Lancaster	HOFFMAN, MD, Arthur D	Lehigh
HARTNETT, MD, Robert W	Cambria	HEINBACH, MD, Wilfred F	Berks	HESS, MD, Paul G	Lancaster	HOFFMAN, MD, Bruce I	Philadelphia
HARTSHORN, MD, Mary A	Philadelphia	HEINE, MD, William I	Philadelphia	HESSION, MD, Henry M	Allegheny	HOFFMAN, MD, Chaucey	Cambria
HARTZ, DO, G Richard	Lancaster	HEINEMAN JR, MD, Arthur C	Beaver	HETHERINGTON, MD, Arthur F	Allegheny	HOFFMAN, MD, Carl J	Montgomery
HARTZ, MD, Leo M	Lycoming	HEINKEL, MD, Howard F	Philadelphia	HETRICK JR, MD, Thadorea L	Northumberland	HOFFMAN, MD, David A	Berks
HARTZEL, MD, Dsvid L	Cumbarland	HEINLE JR, MD, Edward W	Beaver	HETRICK, MD, William D	Allegheny	HOFFMAN, MD, David J	York
HARTZELL JR, MD, George W	Lehigh	HEINLE JR, MD, Frederick J	Lancaster	HETZLER, MD, Norman A	Baaver	HOFFMAN, MD, Franklin D	Allegheny
HARTZELL, MD, Dwight J	Philadelphia	HEINTZELMAN, MD, George W	Lehigh	HEUERMAN, MD, Robert P	Delaware	HOFFMAN, MD, Glenn H	Lebanon
HARVEY, MD, Edith E	Philadelphia	HEISEY, MD, John C	Berks	HEWLETT, MD, John O	Dauphin	HOFFMAN, MD, Gilbert M	Northampton
HARVEY, MD, James S	Centre	HEISEY, MD, Robert G	Lebanon	HEWSON, MD, William C	Chester	HOFFMAN, MD, Howard L	Franklin
HARVEY, MD, Kenneth L	Lehigh	HEISLEY, MD, Nellie Cassell	Berks	HEY JR, MD, E Berry	Berks	HOFFMAN, MD, J David	Philadelphia
HARVEY, MD, Rolta M	Montgomery	HEISTAND, MD, Landis C	Schuylkill	HEYDT JR, MD, Ernest H	Montgomery	HOFFMAN, MD, John E	Northampton
HARVEY, MD, William D	Centre	HEISTER, MD, Joseph B	Westmoreland	HEYDT, MD, Stuart	Luzerne	HOFFMAN, MD, James P	Montgomery
HARVEY, MD, William J	Allegheny	HEISTERKAMP III, MD, Charles A	Lancaster	HEYL JR, MD, Frank E	Allegheny	HOFFMAN, MD, Neil A	Berks
HARWICK, MD, Robert D	Philadelphia	HELFFRICH, MD, Richard S	Blair	HEYL, MD, W Meredith	Philadelphia	HOFFMAN, MD, Richard R	York
HASABNIS, MD, Subas P	Blair	HELFRICH, MD, Joseph A	Beever	HIBBARD, MD, Alanson O	Crawford	HOFFMAN, MD, Richard R	Lebanon
HASBUN, MD, Franklyn A	Philadelphia	HELFRICK, MD, Msrln W	Mifflin-Juniata	HIBBS, MD, John B	Fayette	HOFFMAN, MD, Salee L	Blair
HASELHUNN, MD, Donald H	Dauphin	HELLER, MD, Alvin G	Montgomery	HICKEY JR, MD, Daniel	Montgomery	HOFFMAN, MD, William J	Westmoreland
HASER, MD, Heywood A	Allegheny	HELLER, MD, Melvin S	Philadelphia	HICKEY, MD, Andrew E	York	HOFFMAN, MD, William S	Philadelphia
HASHMI, MD, Majid A	Allegheny	HELLER, MD, Robert S	Philadelphia	HICKS, MD, John T	Philadelphia	HOFFMASTER, MD, Altrud L	Lawrence
HASKELL, MD, Benjamin	Philadelphia	HELLMAN, MD, Leo A	Mckean	HIDALGO, MD, Horacio A	Bucks	HOFFMEIER, MD, Charles L	Philadelphia
HASKIN, MD, Marvin E	Philadelphia	HELM JR, MD, John D	Lancaster	HIEHLE, MD, John F	Berks	HOFFMANN, MD, James W	York
HASKIN, MD, Myra R	Montgomery	HELM, MD, Robert C	Lancaster	HIEMENZ, MD, Donald W	Monroa	HOFFSTETTER, MD, Alexander M	Allegheny
HASSEL JR, MD, Carl W	Lancaster	HELMBOLD, MD, Theodore R	Allegheny	HIGH, MD, Bertrand J	Berks	HOFFSTROM, MD, Glen T	Lycoming
HASSEL, MD, Jeffrey L	Berks	HELMICK, MD, Nathaniel D	Monroe	HIGH, MD, John D	Lycoming	HOHMAN, MD, Charles C	Allegheny
HASSELBACHER, MD, Frank X	Dauphin	HELMICK, MD, Wayne W	Beaver	HIGMAN, MD, Henry B	Allegheny	HOHMANN, MD, Thomas C	Washington
HASSEN, MD, Irfan W	Blair	HELKICK, MD, Martin	Philadelphia	HIJAZI, MD, Saadeddine A	Lackawanna	HOJAT, MD, Saied M	Allegheny
HASTINGS JR, MD, Leo J	Lehigh	HELISING, MD, Walter J	Beaver	HILAL, MD, Eliss Y	Allegheny	HOKE JR, MD, Hugh H	Lancaster
HASZ, MD, Richard D	Dauphin	HELWIG JR, MD, John	Philadelphia	HILBERG, MD, Robert W	Allegheny	HOLCOMBE JR, MD, Guy T	Chaster
HATCHER, MD, Kim A	Perry	HELZNER, MD, Eileen C	Bucks	HILDEBRANDT, MD, Richard J	Dauphin	HOLDEN, MD, Gary R	Allegheny
HATCHER, MD, Ronald A	Dauphin	HEMLER, MD, Paul M	Allegheny	HILE, MD, H Eugene	Erie	HOLDER, MD, Arthur J	Lancaster
HATFIELD, MD, Charles R	Dauphin	HEMMERLY, MD, William C	Northampton	HILEMAN, MD, James D	Allegheny	HOLETS JR, MD, Henry E	Washington
HATLEBERG, MD, Steven L	Montour	HEMPHILL, MD, Richard W	Allegheny	HILES, MD, David A	Allegheny	HOLFELNER, MD, Edward D	Philadelphia
HATLEY, MD, Walter F	Philadelphia	HENDERSON, DO, Csrol J	Philadelphia	HILL JR, MD, Robert G	Northampton		
HATTON, MD, Duncan S	Delaware	HENDERSON, MD, Donald W	Wayne-Pike				

HOLGADO, MD, Edgardo B	Philadelphia	HOYT, MD, Ralph C	Barks	ICHTER, MD, Josaph T	Dauphin	JAMES, DO, Edward E	Allagheny
HOLL, MD, Paul F	Allagheny	HRINDA, MD, John G	Erie	ICLI, MD, Nadir	Westmoreland	JAMES, MD, Russell E	Luzerne
HOLLAND JR, MD, Claranca A	Lahigh	HRYSKHO, MD, Frank G	Allegheny	IDICULLA, MD, Alaxander	Philadelphia	JAMESON, MD, E Carleton	Lancaster
HOLLAND JR, MD, William T	Crawford	HSIEH, MD, Yehchui	Delawara	IDICULLA, MD, Anna A	Philedelphia	JAMIL, MD, Qazi A	Mckean
HOLLAND, MD, Baxtar C	Philadelphia	HSU, MD, Shien S	Washington	IDREES, MD, Muhammad	Allegheny	JAMSHIDI, MD, Javad	Beaver
HOLLAND, MD, Clarence A	Lahigh	HU, MD, Wei-Tzar	Schuylkill	IDUCOVICH, MD, Nicholas	Westmoreland	JAN, MD, Rahana A	Philadelphia
HOLLAND, MD, Edward F	York	HUANG, MD, Chan F	Lackawanna	IGLESIAS, MD, Manuel	Lancaster	JAN, MD, Ronald S	Philadelphia
HOLLAND, MD, Mark P	Schuylkill	HUBBARD, MD, Charlea C	Fayatta	IGNACIO JR, MD, Gicario V	Cambria	JANA, MD, Barid B	Fayette
HOLLAND, MD, Philip B	Allagheny	HUBBARD, MD, John P	Philadelphia	IGNATIUS, MD, Paul F	Warren	JANERICH, MD, Albert D	Luzerna
HOLLAND, MD, Sanford J	Lackawanna	HUBER, MD, Donald J	Allegheny	ILKHANIPOUR, MD, Cyrus	Allegheny	JANEWAY, MD, Timothy	Allegheny
HOLLANDER, MD, Bentley A	Philadelphia	HUBER, MD, Richard L	Lackawanna	ILYAS, MD, Mohammad	Allegheny	JANG, MD, Jang Huei	Luzerne
HOLLANDER, MD, Irwin J	Bucks	HUBER, MD, William B	Allegheny	IMBER, MD, Irving	Barks	JANICJEVIC, MD, Nanad	Allagheny
HOLLANDER, MD, Joseph L	Philadelphia	HUBSHER, MD, Jeroma A	Delaware	IMBODEN, MD, Samuel H	Berks	JANJIGIAN, MD, Edward R	Luzerna
HOLLEN, MD, Robert A	Cumberland	HUDOCK JR, MD, Emanuel B	Montgomery	IMBRIE, MD, David E	Butler	JANKOWSKI, MD, Richard	Philadelphia
HOLLERAN, MD, Bernard L	Luzerna	HUDOCK JR, MD, George E	Luzerna	IMBRIGLIA JR, MD, Josaph E	Allegheny	JANNELLI, MD, Angela F	Bucks
HOLLINGSWORTH, MD, Norman B	Philadelphia	HUDSON JR, MD, Howard E	Lehigh	IMBRIGLIA, MD, Josaph E	Luzerne	JANNETTA, MD, Peter J	Allegheny
HOLLSTEIN, MD, Frank E	Allegheny	HUDSON JR, MD, Howard L	Erie	IMMERMAN, MD, Samuel L	Philadelphia	JANOSKO, MD, Rudolph E	Allegheny
HOLM, MD, Eric K	Berks	HUDSON, MD, Clifford C	York	IMPERATO, MD, Pascal J	Chester	JAQUISS, MD, G William	Allegheny
HOLM, MD, William W	Montgomery	HUDSON, MD, George H	Cambria	IMPERIALE, MD, Salvatore M	Luzerne	JARELL, MD, Bruce E	Philadelphia
HOLMBERG, MD, Donald E	Montgomery	HUEBNER, MD, John J	Cambria	IMPINK, MD, Robert R	Barks	JARMAN, MD, Martha L	Bucks
HOLMES, MD, John J	Lackawanna	HUFF, MD, Lynn H	Allegheny	INDORATO, MD, Laroy S	Allegheny	JARVIS, MD, F Wayne	Philadelphia
HOLMES, MD, Robert B	Vanango	HUFF, MD, S Gordon	Mckean	INGAGLIO, MD, Philip E	Philadelphia	JARYMOVYCH, MD, Jaroslaw I	Philadelphia
HOLMS, DO, Barry C	Delaware	HUFFER, MD, Donald H	York	INGERSOLL, MD, Charles J	Philadelphia	JAURIGUE, MD, Vanarando G	Philadelphia
HOLROYDE, MD, Christopher P	Philadelphia	HUFFMAN, MD, Charles R	Graana	INGOLDSEY, MD, Eugana C	Blair	JAVADI, MD, Parvin H	Mckean
HOLST, MD, Hazel I	Dalawara	HUFFNAGLE, MD, Harry W	Lancaster	INGRAM, MD, David N	Washington	JAVAN, MD, Mahdi B	Westmoreland
HOLST, MD, Robert A	Westmoreland	HUGHES, MD, Boland	Philadelphia	INNERS, MD, Charles R	Dauphin	JAVIAN JR, MD, Thomas A	Bucks
HOLSTEIN, MD, James J	Dalawara	HUGHES, MD, David C	Indiana	INNIS, MD, Patricia A	Barks	JAY JR, MD, Wandell T	Berks
HOLT, MD, Allen H	Mercer	HUGHES, MD, David P	Lancaster	INOUE, MD, William Y	Philadelphia	JAYAKUMAR, MD, Subramoniam	Washington
HOLT, MD, Flarene P	Mercer	HUGHES, MD, Eugana P	Philadelphia	INSLEY JR, MD, Marion C	Dauphin	JAYANTI, MD, Subbarao	Delawara
HOLT, MD, William E	Philadelphia	HUGHES, MD, Georga V	Allegheny	IOBST, MD, Josaph I	Montour	JEFFERIES 3D, MD, Georga E	Dauphin
HOLTRY, SEC, Sherry	Cumberland	HUGHES, MD, Howard G	Montour	IOZZI, MD, Louia	Delawara	JEFFERIS, MD, Earl S	Lehigh
HOLTZMAN, MD, Henry B	Bucks	HUGHES, MD, Joseph F	Philadelphia	IRANI, MD, Roshen N	Philadelphia	JEFFREY, MD, Mary E	Chaster
HOLUB II, MD, Edward J	Philadelphia	HUGHES, MD, Joseph P	Washington	IREY JR, MD, Philip M	Allegheny	JEFFREYS, MD, William H	Montour
HOLZINGER, MD, Elmer J	Allagheny	HUGHES, MD, Jane S	Allagheny	IRWIN, MD, John T	Columbia	JEFFREYS, MD, Graham H	Dauphin
HOLMILY, MD, Blessing	Susquehanna	HUGHES, MD, Patrick H	Allagheny	ISAACS, MD, Cherlea T	Bucks	JELEN, MD, Josaph A	Philadelphia
HOMMER JR, MD, J Scott	Blair	HUGHES, MD, Roger L	Clearfield	ISAACS, MD, Gilbert H	Allegheny	JENA, MD, Milton	Allegheny
HONG, MD, Keumsoon	Philadelphia	HUGHES, MD, William M	Westmoreland	ISAACSON, MD, Howard	Philadelphia	JENKINS JR, MD, Robert J	Allegheny
HONG, MD, Sunwha	Philadelphia	HUGHEY, MD, James R	Washington	ISAACSON, MD, Stanford	Allegheny	JENKINS, MD, B Whaelar	Philadelphia
HONG, MD, Sung H	Beaver	HUH, MD, Ryon	Allegheny	ISAACSON, MD, Staven R	Berks	JENKINS, MD, Jay L	Erie
HONG, MD, Soo W	Lycoming	HULL, MD, Ben L	Blair	ISACKSON, MD, Ronald D	Philadelphia	JENKINS, MD, Timothy F	Delaware
HONGBARCO, MD, Pablo	Allagheny	HULLEY JR, MD, Williem C	Allegheny	ISAJIW, MD, George	Dalawara	JENNEY, MD, Florenca S	Butler
HONIGMAN, MD, Frederic H	Philadelphia	HULNICK, MD, Stuart J	Philadelphia	ISAKOV, MD, Asperuh D	Lackawanna	JENNINGS, MD, David T	Lycoming
HONISH, MD, Robert L	Philadelphia	HUME, MD, Eric L	Philadelphia	ISARD, MD, Harold J	Philadelphia	JENOFFSKY, MD, Jack	Philadelphia
HOOD, MD, Henry L	Montour	HUME, MD, John M	Dauphin	ISARIYAWONGSE, MD, Prakorb	Fayette	JERANT, MD, Vincent J	Lehigh
HOON, MD, Williem L	Allegheny	HUMES, MD, Alexander B	Allagheny	ISDANER, MD, Nail L	Philadelphia	JETTER, MD, Walter W	Westmoreland
HOOTMAN, MD, Barry D	Butler	HUMMER JR, MD, Charles D	Dalawara	ISENBERG, MD, Chaster L	Huntingdon	JEW JR, MD, Edward W	Allagheny
HOOTMAN, MD, J Kenneth	Allegheny	HUMPHREYS, MD, Earl A	Allagheny	ISHLER, MD, H Richard	Cantra	JEWELL JR, MD, James H	Berks
HOOVER II, MD, Benjamin A	York	HUNDLEY, MD, J Warren	Philadelphia	ISIDRO, MD, Eugenio G	Lawrence	JEWETT, MD, Stephen R	Lackawanna
HOOVER, MD, Alan D	Allegheny	HUNSBERGER, MD, Charles L	Cambria	ISLAMOFF, MD, Igor I	Cambria	JEYARAJ, MD, Francis	Montgomery
HOOVER, MD, Carl H	Lancaster	HUNSBERGER, MD, Josaph L	Montgomery	ISMAIL-BEIGI, MD, Farhad	Allegheny	JIMMERSON, MD, Cedric C	Barks
HOOVER, MD, Deen S	York	HUNSICKER, MD, Llewellyn W	Monroe	ISRAEL, MD, Harold L	Allegheny	JIN, MD, Byunghak	Fayette
HOOVER, MD, Philip A	York	HUNSICKER, MD, Mary T	Monroe	ISRAEL, MD, Michael	Philadelphia	JOCHNOWITZ, MD, Michael J	Montgomery
HOOVER, MD, Paul S	York	HUNT JR, MD, Robert C	Northampton	ISRAEL, MD, Robert H	Allegheny	JOEHL, MD, Raymond J	Dauphin
HOOVLER, MD, Philip W	Blair	HUNT JR, MD, Wm T	Philadelphia	ISSEMAN, MD, Mark S	Warren	JOHAN, MD, Morton	Allegheny
HOPKINS, MD, F Thomas	Montgomery	HUNT, MD, Josiah A	York	ITKIN, MD, Irving H	Mckean	JOHN, MD, Lawrence R	Allegheny
HOPKINS, MD, John E	Montgomery	HUNT, MD, Robert E	Butler	ITKOWITZ, MD, Alan L	Philadelphia	JOHNS, MD, Barbara A	Montour
HOPKINS, MD, Robert G	Lancaster	HUNT, MD, William	Montour	IVEY, MD, Timothy	Allegheny	JOHNS, MD, Milton W	Lancaster
HOPKINS, MD, Wallace E	York	HUNT, MD, William D	Lancaster	IVINS, MD, Leonard	Allegheny	JOHNSON III, MD, H John	Delawara
HOPKINSON 3RD, MD, John H	Montgomery	HUNT, MD, William R	Allegheny	IVINS, MD, Joseph L	Delaware	JOHNSON III, MD, S Harria	Allegheny
HOPPER, MD, Bruce D	Montgomery	HUNTER, MD, Doris M	Allegheny	IVINS, MD, Semuel P	Delaware	JOHNSON JR, MD, Bartram L	Lancaster
HORAN, MD, Charles A	Philadelphia	HUNTER, MD, Georga R	Westmoreland	IVKER, MD, Morris	Dalawara	JOHNSON JR, MD, Howard J	Philadelphia
HORAN, MD, Gerald W	Philadelphia	HUNTER, MD, Harry H	Chester	IZZO, MD, Kanneth L	Montgomery	JOHNSON JR, MD, Marahall M	Allagheny
HORAN, MD, H Waller	Luzerne	HUNTER, MD, James M	Philadelphia		Philadelphia	JOHNSON JR, MD, Nalson E	Butler
HORCHOS, MD, Donald D	Lackawanna	HUNTER, MD, John S	Barks			JOHNSON, MD, Allrad T	Berks
HORENSTEIN, MD, Martin	Union	HUNTER, MD, Marvin T	Bucks			JOHNSON, MD, Alan W	Lehigh
HORMAN, MD, Marc J	Montgomery	HUNTER, MD, Robert G	Columbia			JOHNSON, MD, Bernett L	Philadelphia
HORMOZDI, MD, Fraydoon	Beaver	HUNTER, MD, Robert J	Centra			JOHNSON, MD, Charlea F	Lehigh
HORN III, MD, Frank W	York	HUNTLEY, MD, Arthur C	Montgomery			JOHNSON, MD, Carl G	Lancaster
HORN JR, MD, Edward T	Monroe	HUNTZBERGER, MD, Samuel S	Berks			JOHNSON, MD, Creig H	Barks
HORN, MD, Richard H	Allegheny	HUOT, MD, David A	Allegheny			JOHNSON, MD, Don E	Philadelphia
HORNE, MD, Lloyd M	Allegheny	HUPPERT, MD, Laonore C	Philadelphia			JOHNSON, MD, Dorothy E	Luzerne
HORNER JR, MD, Daniel W	Allegheny	HUR, MD, Gham	Chaster			JOHNSON, MD, Douglas E	Lehigh
HORNER JR, MD, Frank S	Montgomery	HUREWITZ, MD, Sylvan J	Philadelphia			JOHNSON, MD, Elting C	Bredford
HORNER, MD, George J	Allegheny	HURITE, MD, Francis G	Allegheny			JOHNSON, MD, Franklin P	Allagheny
HORNICEK, MD, Francis J	Allegheny	HURLEY, MD, Harry J	Delaware			JOHNSON, MD, George M	York
HORNICK, MD, Newton	Allegheny	HURLOCK, MD, Joan E	Philadelphia			JOHNSON, MD, Herbert C	Barks
HOROWITZ, DO, Gary R	Philadelphia	HURST JR, MD, J Paul	Montgomery			JOHNSON, MD, Josaph M	Allegheny
HORST, MD, Elmer L	Berka	HURST, MD, John W	Blair			JOHNSON, MD, James R	Allagheny
HORVAT, MD, Arthur J	Luzerna	HURST, MD, Kannath L	Lycoming			JOHNSON, MD, Jonas T	Allegheny
HORVATH, MD, David A	Allegheny	HURWITZ, MD, Abraham	Philadelphia			JOHNSON, MD, Max E	Beaver
HORVATH, MD, Ronald J	Philadelphia	HURWITZ, MD, Dennia J	Allegheny			JOHNSON, MD, Norman L	Delaware
HORWIN, MD, Samuel	Cambria	HURWITZ, MD, Larry E	Allegheny			JOHNSON, MD, Robert G	Philadelphia
HORWITZ, MD, John J	Allegheny	HUSAIN, MD, Akhtar F	Eria			JOHNSON, MD, Robert P	Lancaster
HORWITZ, MD, Milton R	Bucks	HUSAIN, MD, Abid M	Schuylkill			JOHNSON, MD, Thomas A	Philadelphia
HOSSAIN, MD, Ayesha	Luzerna	HUSAIN, MD, Zahid	Luzerna			JOHNSON, MD, Van W	Warran
HOST, MD, William R	Delawara	HUSHION, MD, Wm F	Delawara			JOHNSON, MD, Waime C	Philadelphia
HOSTETTER, MD, Abram M	Wyoming	HUSSAINI, MD, Syed R	Allegheny			JOHNSON, MD, Wm G	Northampton
HOTTENSTEIN, MD, Danial W	Lebanon	HUST, MD, Frederick S	Butlar			JOHNSON, MD, Wm H	Philadelphia
HOTTENSTEIN, MD, Esther	Dauphin	HUSTON, MD, Charles C	Clarion			JOHNSON, MD, Walter K	Westmoreland
HOTTENSTEIN, MD, Jonathan E	Allegheny	HUTCHINSON 3D, DO, Harry J	Chester			JOHNSON, MD, William T	Northampton
HOTTENSTEIN, MD, Rahn L	Dauphin	HUTCHISON, MD, James C	Montgomery			JOHNSTON 3RD, MD, James R	Cumbarland
HOU, MD, Ching W	Erie	HUTCHISON, MD, Wm A	Lancaster			JOHNSTON, DO, Harry D	Franklin
HOUCK, MD, Earl E	Jefferson	HUTH, MD, Edward J	Philadelphia			JOHNSTON JR, MD, John A	Allegheny
HOUGAARD, MD, John P	Bucks	HUTTON, MD, John E	York			JOHNSTON, MD, Dorothy	Schuylkill
HOUGH, MD, Rodney K	Lackewanna	HWAN, MD, Jung J	Erie			JOHNSTON, MD, Eugene V	Lancaster
HOUIDES, MD, Athanasia C	Erie	HYATT, MD, Floyd R	Philadelphia			JOHNSTON, MD, Frank B	Philadelphia
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HOULIHAN, MD, Carl T	Barks	HYDE, MD, William J	Montgomery			JOHNSTON, MD, Jean C	Philadelphia
HOUSE, MD, Benjamin	Lycoming	HYDOVITZ, MD, Jerrold D	Allegheny			JOHNSTON, MD, J Murt	Allegheny
HOUSEL, MD, Edmund L	Philadelphia	HYETT, MD, Marvin R	Philadelphia			JOHNSTON, MD, Jamar R	Allegheny
HOUSER JR, MD, Ben P	Carbon	HYKES, MD, James I	Montgomery			JOHNSTON, MD, Robert F	Philadelphia
HOUSER, MD, Benjamin P	Carbon	HYMAN, MD, David S	Northampton			JOHNSTON, MD, Russell M	Northumbalan
HOUSER, MD, James J	Vanango	HYMAN, MD, Herbert L	Lehigh			JOHNSTON, MD, Thomas S	Chester
HOUSER, MD, L Murray	Philadelphia	HYMAN, MD, Harold L	Philadelphia			JOHNSTONE, MD, Greham F	Allegheny
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HOUSTON JR, MD, Robert R	Allegheny	HYMAN, MD, Paul R	Cambria			JONAS, MD, Fedarico R	Allegheny
HOUSTON, MD, John B	Montour					JONAS, MD, Jaroslav G	Montour
HOUSTON, MD, James L	Westmoreland					JONES JR, MD, Arthur F	Lancaster
HOUSTON, MD, R Ross	Lawrence					JONES JR, MD, Frederick L	Montour
HOVENDEN, MD, Anthony L	Allegheny					JONES JR, MD, Harry B	Beaver
HOWANITZ, MD, Emil P	Luzerne					JONES JR, MD, Robert T	Allegheny
HOWANITZ, MD, Michael P	Dauphin					JONES, MD, Byron C	Adams
HOWARD, MD, Lawrence J	Leckawanna					JONES, MD, C Henry	Lackawanne
HOWARD, MD, Thos K	York					JONES, MD, Danial C	Montgomery
HOWE, MD, J Dale	Northampton					JONES, MD, David G	Lehigh
HOWELL, MD, William M	Lackawanna					JONES, MD, David J	York
HOWER, MD, Robert D	Allegheny					JONES, MD, Eurlryn	Dauphin
HOYER, MD, Paul J	Philadelphia					JONES, MD, Edward L	Lebanon
HOYLE, MD, J Preston	Union					JONES, MD, Fredarick L	Huntingdon

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JONES, MD, James E	Dauphin	KANIS, MD, Myron L	Philadelphia	KAUFMANN, MD, Bruce M	Northampton	KERN, MD, Franklin M	Philadelphia
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JONES, MD, Robert K	Delaware	KANSAL, MD, Raj G	Allagheny	KAVLE, MD, Carleton J	Montgomery	KERRY, MD, William F	Butlar
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JUNG, MD, Hai R	Lahigh	KARP, MD, Louis A	Philadelphia	KELLER, MD, Fradarick E	Philadelphia	KIEFFER JR, MD, Frederick J	Montgomery
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JUNKIN, MD, David M	Lahigh	KARSH, MD, Carl A	Philadelphia	KELDERMAN, MD, Edwin	Philadelphia	KIELTY, MD, John T	Bradford
JURGENSEN, MD, Kenneth H	Eria	KART, MD, Barry H	Lahigh	KELLEY JR, MD, Charles F	Lahigh	KIESEL, MD, Robert	Lahigh
JURGENSON, MD, John C	Cumberland	KARUMBAYA, MD, Romola	Philadelphia	KELLOGG, MD, Ronald A	Crawford	KIESEWETTER, MD, Wm B	Allegheny
JURNOVOY, MD, Joel B	Delaware	KARUNARATNE, MD, Eairiwickrema,	Lackawanna	KELLOW, MD, Wm F	Philadelphia	KIKKAWA, MD, Kazutoshi	Bradford
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JUVELIER, MD, Bernard W	Dauphin	KASANDAN, MD, Richard B	Labanon	KELLY JR, MD, John J	Dalawara	KILLIAN, MD, Dorothea M	Montgomery
		KASDIN, MD, Sharon L	Allagheny	KELLY, MD, Bruce R	Jaffarson	KILLIAN, MD, Paul J	Armstrong
		KASE, MD, James J	Philadelphia	KELLY, MD, Edward A	Delaware	KILLIUS, MD, James L	Somaraat
		KASE, MD, Paul F	Barks	KELLY, MD, Edward G	Allagheny	KILMORE JR, MD, Vance E	Dauphin
		KASE, MD, Wm A	Dauphin	KELLY, MD, Edward J	Lackawanna	KILPARTICK, MD, William F	Washington
		KASEFF, MD, Leon G	Philadelphia	KELLY, MD, Eugene W	Allagheny	KILPATRICK, MD, Gartrude E	Baaver
		KASHATUS, MD, Wm C	Philadelphia	KELLY, MD, Habib R	Philadelphia	KIM, MD, Chung H	Lehigh
		KASPAR, MD, Albert J	Northampton	KELLY, MD, Herbert T	Philadelphia	KIM, MD, Chung Shik	Barka
		KASPARIAN, MD, Hratch	Bradford	KELLY, MD, John A	Bradford	KIM, MD, Dong H	Westmoraland
		KASPERSKI, MD, Matthew A	Dalawara	KELLY, MD, James J	Dalawara	KIM, MD, Dong H	Fayatta
		KASRAIE, MD, Neptuna	Delaware	KELLY, MD, John L	Delaware	KIM, MD, Doo T	Northampton
		KASSER, MD, Max D	Allagheny	KELLY, MD, Marianne L	Lancaster	KIM, MD, Eun T	Lackawanna
		KASTENBAUM, MD, Michael	Armstrong	KELLY, MD, Robert W	Allegheny	KIM, MD, Eugene Y	Allegheny
		KATALAN, MD, Maurice M	Allegheny	KELLY, MD, Thomas J	Philadelphia	KIM, MD, Hyung Baa	Luzerna
		KATCHMAN, MD, Jerome J	Philadelphia	KELLY, MD, Wm E	Allegheny	KIM, MD, Hyoung D	Allegheny
		KATES, MD, Jonathan L	Montgomery	KELLY, MD, Wm J	Allagheny	KIM, MD, Hack J	Lancaster
		KATES, MD, Malcolm	Delaware	KELSEY, MD, David M	Dalawara	KIM, MD, Hak R	Bucks
		KATIGBAK, MD, Constancio D	Montgomery	KELSO, MD, Don R	Montgomery	KIM, MD, Hwan Y	Cambria
		KATIN, MD, Michael J	Westmoraland	KELTON, MD, Franklin C	Philadelphia	KIM, MD, Ikjin	Philadelphia
		KATOWITZ, MD, Jemea A	Philadelphia	KELVIN, MD, Cerl B	Montgomery	KIM, MD, Ih C	Northampton
		KATTELMAN, DO, Marc	Erie	KEMBLE, MD, Edwred E	Eria	KIM, MD, Il G	Lycoming
		KATTEY, MD, George W	Montgomery	KEMP, MD, Gordon B	Mercer	KIM, MD, Jae-Chil	Allagheny
		KATZ, MD, Albert B	Lancaster	KEMP, MD, Robert M	Lancaster	KIM, MD, Je H	Lawrence
		KATZ, MD, Alan S	Philadelphia	KEMRER, MD, J Donald	Lancaster	KIM, MD, Jun-I	Lehigh
		KATZ, MD, Benjamin R	Philadelphia	KENDALL, MD, A Richard	Philadelphia	KIM, MD, Jung S	Philadelphia
		KATZ, MD, David L	Allegheny	KENDALL, MD, Benjamin	Philadelphia	KIM, MD, Kwan E	Philadelphia
		KATZ, MD, G Henry	Allegheny	KENDALL, MD, Leigh W	Lancaster	KIM, MD, Kun H	Washington
		KATZ, MD, Irwin L	Philadelphia	KENET, MD, David S	Philadelphia	KIM, MD, Myoung S	Fayette
		KATZ, MD, Irving M	Allegheny	KENIG, MD, Isedor J	Dauphin	KIM, MD, Philip Y	Philadelphia
		KATZ, MD, Julian	Philadelphia	KENKRE, MD, Sricrishna B	Allegheny	KIM, MD, Raymond Y	Butler
		KATZ, MD, Joseph	Philadelphia	KENNA, MD, Marita D	Allegheny	KIM, MD, Seng B	Philadelphia
		KATZ, MD, Jacob	Lancaster	KENNARD, MD, John F	Clearfield	KIM, MD, Sun C	Schuylkill
		KATZ, MD, Jenice D	Philadelphia	KENNEDY JR, MD, Carl H	Philadelphia	KIM, MD, Scott S	Allegheny
		KATZ, MD, Jerald M	Westmoraland	KENNEDY, MD, F Bryan	Allegheny	KIM, MD, Song Keun	Washington
		KATZ, MD, Max	Philadelphia	KENNEDY, MD, John N	Luzerne	KIM, MD, Sang M	Jafferson
		KATZ, MD, Mitchell E	Lehigh	KENNEDY, MD, Nelson M	Beever	KIM, MD, Sung Y	Allegheny
		KATZ, MD, M Richard	Philadelphia	KENNEDY, MD, Patrick J	Delaware	KIM, MD, Taemoon	Montgomery
		KATZ, MD, Robert E	Allegheny	KENNEDY, MD, Peter S	York	KIM, MD, UH G	Lawrence
		KATZ, MD, Richard G	Montgomery	KENNEDY, MD, Richard P	Monroe	KIM, MD, Wan J	Lawrence
		KATZ, MD, Richard I	Allegheny	KENNEDY, MD, Thomas L	Montour	KIM, MD, Wha S	Beaver
		KATZ, MD, Sheila M	Philadelphia	KENNERDELL, MD, Edward H	Allegheny	KIM, MD, Yong-II	Westmoraland
		KATZ, MD, Warren A	Philadelphia	KENNERDELL, MD, John S	Allegheny	KIM, MD, Yoon C	Allegheny
		KATZEN, MD, Raymond	Philadelphia	KENNY, MD, Kevin J	Allegheny	KIM, MD, Yong D	Allegheny
		KATZIN, MD, Dick	Bucks	KENNY, MD, Rose M	Bucks	KIM, MD, Yung-Hoon	Philadelphia
		KATZMAN, MD, Jeffrey I	Allegheny	KENT, MD, Georgie L	Philadelphia	KIM, MD, Yang K	Butler
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		KAUFFMAN, MD, Abraham L	Franklin	KENT, MD, W David	Lehigh	KIM, MD, Yong S	Philadelphia
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KIRCHNER, MD, G Gery	Lancaster	KO, MD, Yih S	Allegheny	KRAK, MD, Michael	Allegheny	KULCZYCKI, MD, Edward	Bredford
KIRK, MD, Daniel L	Northumberland	KO, MD, Yih-Song	Montgomery	KRAKOVITZ, MD, Jey A	Montgomery	KULIN, MD, Howard E	Deuphin
KIRK, MD, Jacquelyn M	Allegheny	KOBALY, MD, David J	Delaware	KRALJEVIC, MD, Juen E	Berks	KULKARNI, MD, Predeep K	Cambrie
KIRK, MD, Mervel S	Lancaster	KOCH, MD, Andrew W	Weyne-Pike	KRALL, MD, J Thomas	Philadelphia	KUMAR, MD, Aeshok	Washington
KIRK, MD, Norris J	Deuphin	KOCH, MD, Herold W	Allegheny	KRALL, MD, Robert A	Mckeen	KUMAR, MD, Herineth V	Venengo
KIRKER, MD, Welter R	Crawford	KOCH, MD, Joseph C	Leckawanne	KRALL, MD, Robert P	Northampton	KUMAR, MD, Prem C	Berks
KIRKPATRICK JR, MD, David D	Montgomery	KOCH, MD, L Von	Berks	KRAM, DO, Berry W	Allegheny	KUMAR, MD, Raj K	Berks
KIRKPATRICK, MD, Daniel W	Crawford	KOCHU, MD, Steve	Allegheny	KRAM, MD, John E	Luzerne	KUMAR, MD, Veerendre	Philadelphia
KIRKPATRICK, MD, Robert L	York	KODALI, MD, Reje V	Philadelphia	KRAMER, MD, Arnold	Philadelphia	KUMAR, MD, V Heme	Westmoreland
KIRKPATRICK, MD, Samuel A	Philadelphia	KODSI, MD, Megdi S	Delaware	KRAMER, MD, Frederick L	Northampton	KUMAR, MD, Vessenhe R	Philadelphia
KIRKWOOD, MD, R Gerth	Philadelphia	KODUMAL, MD, Luis E	Philadelphia	KRAMER, MD, Kenneth	Philadelphia	KUN, MD, Joseph	Allegheny
KIRSCHNER, MD, Robert J	Philadelphia	KOEERT, MD, Martin J	Luzerne	KRAMER, MD, Merk S	Berks	KUNDA, MD, Gopel D	Dauphin
KIRSHBAUM, MD, Bernerd A	Philadelphia	KOEHL JR, MD, C Warren	Cambrie	KRAMER, MD, Rendell K	Philadelphia	KUNDU, MD, Sembhu N	Northampton
KIRSHBAUM, MD, Gery R	Philadelphia	KOELLER, MD, Royel R	Bucks	KRAMER, MD, Selme	Philadelphia	KUNG, MD, Luke C	Allegheny
KIRSHNER, MD, Jacob J	Venengo	KOELSCH, MD, Robert R	Allegheny	KRAMER, MD, Simon	Lackawanne	KUNKEL, MD, Berbere K	Deuphin
KIRTLAND III, MD, Howard H	Erie	KOENIG, MD, Arthur R	Allegheny	KRANE, MD, Mervin A	Philadelphia	KUNKEL, MD, George A	Allegheny
KISH, MD, George F	Centre	KOENIG, MD, Frederick W	Allegheny	KRANICK, MD, Francis X	Philadelphia	KUNKEL, MD, George W	Dauphin
KISH, MD, Robert S	Allegheny	KOENIG, MD, Hans	Allegheny	KRANIK, MD, Andrew D	Allegheny	KUNKEL, MD, Herbert G	Allegheny
KISLOFF, MD, Berry	Allegheny	KOENIG, MD, Johann A	Luzerne	KRANTZ, MD, Welter J	Montgomery	KUNKEL, MD, Mery E	Fayette
KISNER, MD, Robert G	Allegheny	KOENIG, MD, Theodore R	Clerion	KRASNOFF, MD, Sidney O	Philadelphia	KUNKEL, MD, Paul A	Deuphin
KISSELL, MD, Dewitt C	Allegheny	KOEPKE, MD, Hens H	Chester	KRATZ, MD, Vernon H	Bucks	KUNKEL, MD, William H	Allegheny
KISTENMACHER, MD, John C	Philadelphia	KOFFLER, MD, David	Philadelphia	KRATZER, MD, Guy L	Lehigh	KUNKEL, MD, W Minister	Deuphin
KISTLER, MD, Charles J	Luzerne	KOFFLER, MD, Howard B	Bucks	KRATZER, MD, Glenn S	Lehigh	KUNSCHNER, MD, Albert J	Allegheny
KISTLER, MD, David W	Luzerne	KOGAN, MD, Allen J	Philadelphia	KRAUS, MD, David R	Allegheny	KUNSCHNER, MD, Allen J	Allegheny
KISTLER, MD, Gelen H	York	KOH, MD, Seung Y	Jefferson	KRAUS, MD, John J	Deuphin	KUNSMAN, MD, William E	Allegheny
KISTLER, MD, Kermit K	Lehigh	KOHL, MD, David H	Armstrong	KRAUS, MD, Richard E	York	KUNSZABO, MD, Istven S	Philadelphia
KISTLER, MD, Philip E	Chester	KOHL, MD, E James	Philadelphia	KRAUS, MD, Stephen T	Lycoming	KUPP, MD, John H	Cerbon
KISTLER, MD, Paul M	Montgomery	KOHL, MD, Stephen D	Berks	KRAUS, MD, Theodore J	Philadelphia	KUPREVIC, DO, William J	Columbia
KISTLER, MD, Welter W	Luzerne	KOHL, MD, Sidney J	Cerbon	KRAUSE, MD, Gilbert	Allegheny	KUREMSKY, MD, Dele A	Allegheny
KISTLER, MD, Werren D	Franklin	KOHLER, MD, Fritz P	Delaware	KRAUSE, MD, Helen F	Allegheny	KUREY, MD, Robert J	Lancaster
KISTLER, MD, William S	Montgomery	KOHLER, MD, Henry J	Philadelphia	KRAUSE, MD, Jacob	Philadelphia	KURJANOWICZ, MD, Wedim	Berks
KITCHELL, MD, James R	Montgomery	KOHLHAS, MD, Jacob J	Montgomery	KRAUSE, MD, Robert L	Philadelphia	KURTZ, MD, Alfred B	Philadelphia
KITCHEN 2ND, MD, James G	Monroe	KOHLRT, MD, Allen E	Weyne-Pike	KRAUSE, MD, Seymoure	Allegheny	KURTZ, MD, Charles H	Lancaster
KITCHEN 3D, MD, James G	Delaware	KOIMATTUR, MD, Arwind	Allegheny	KRAUS, MD, Jock	Philadelphia	KURTZ, MD, John E	Allegheny
KITEI, MD, Milton N	Philadelphia	KOIWAI, MD, Eichi K	Philadelphia	KRAUSZ, MD, Kethryn J	Northampton	KURTZ, MD, J Stephen	Philadelphia
KITEI, MD, William J	Northampton	KOKALES, MD, John G	Allegheny	KRAUSZ, MD, Mercos	Delaware	KURTZ, MD, Michael B	Delaware
KITSKO, DO, Dennis	Washington	KOLANSKY, MD, Herold	Philadelphia	KRAUSZ, MD, Martin R	Philadelphia	KURZ, MD, George H	Philadelphia
KITSKO, MD, William T	Cambrie	KOLB, MD, Charles E	Lycoming	KRAVIS, MD, Gery I	Montgomery	KUSH, MD, Frank H	Allegheny
KITTLEBERGER, MD, William C	Bucks	KOLBYE, MD, Merion B	Philadelphia	KRAVIS, MD, Lillian P	Montgomery	KUSH, MD, Mergeret B	Allegheny
KITTELL, MD, William H	Washington	KOLENICH, MD, James J	Mercer	KRAVITZ, MD, Bernerd J	Montgomery	KUSHNER, DO, Paul G	Allegheny
KITZMILLER, MD, John K	Chester	KOLTER, MD, James S	Philadelphia	KRAVITZ, MD, Charles H	Philadelphia	KUSHNER, DO, George	York
KIVULS, MD, Jurie	Philadelphia	KOLTES, MD, John A	Berks	KRAYBILL, MD, Herold E	Lancaster	KUSHNER, MD, Bertrend	Dauphin
KLAASSEN, MD, Johanna H	Lehigh	KOLTON, MD, Vladimir J	Leckawanne	KRAYNICK, MD, Nicholes H	Lehigh	KUSHNER, MD, Loie N	Philadelphia
KLASKO, MD, Stephen K	Lehigh	KOLUCKI, MD, Frank R	Philadelphia	KREBS, MD, James A	Allegheny	KUSHNER, MD, Theodore	Deuphin
KLATCHKO, MD, William W	Lebanon	KOMADA, MD, Rudolph A	Philadelphia	KREDELL, MD, Thomas W	Allegheny	KUSKIN, MD, Louis F	Deuphin
KLATMAN, MD, Samuel J	Allegheny	KOMALAHIRANYA, MD, Amnuay	Fayette	KREGER JR, MD, Oliver J	Indian	KUTNEY, MD, Francis G	Delaware
KLAVAN, MD, Marshall	Delaware	KOMALAHIRANYA, MD, Uee E	Fayette	KREGER, MD, Spencer	Westmoreland	KUTSCHER, MD, Herlen A	Berks
KLAWON, MD, David L	Erie	KONCHAR, MD, William C	Montour	KREHL, MD, Willard A	Cambrie	KUTTY, MD, Ahmed C	Allegheny
KLECKNER, MD, Francis S	Lehigh	KONDRATOWSKI, MD, Richard Z	Philadelphia	KREIDER, MD, Henry L	Philadelphia	KUTY, MD, Eugene J	Northampton
KLEIN JR, MD, William J	Berks	KONECKE, MD, Lee L	Montgomery	KREIDER, MD, John K	Lancaster	KUTZ, MD, Charles M	Clerion
KLEIN, MD, Dorothy E	Philadelphia	KONECKE, MD, M Louis	Luzerne	KREIDER, MD, John W	Deuphin	KUTZ, MD, Eugene R	Bedford
KLEIN, MD, Fred S	Washington	KONHAUS, MD, Cerol H	Deuphin	KREINBROOK, MD, Suzenne B	Allegheny	KWA, MD, Deniel M	Philadelphia
KLEIN, MD, Joseph M	Luzerne	KONRAD, MD, Merk G	Beever	KREISER JR, MD, Joseph R	Deuphin	KWAPIEN, MD, Frederic J	Delaware
KLEIN, MD, Michael I	Allegheny	KONWINSKI, MD, Edward S	Mckeen	KREITHEN, MD, Herold	Deuphin	KYLE, MD, G Clayton	Philadelphia
KLEIN, MD, Robert	Columbia	KOO, MD, Peter J	Bucks	KREIMERS, MD, Victor	Lehigh	KYNE, MD, Peter J	Allegheny
KLEIN, MD, Rolf A	Venengo	KOO, MD, Wook H	Luzerne	KREMER JR, MD, Edwin S	Philadelphia	KYREAGES, MD, Constantine G	Allegheny
KLEIN, MD, Raymond A	Berks	KOOLPE, MD, Hervey A	Philadelphia	KREMER, MD, Howard U	Erie	KYRIACOPOULOS, MD, John D	Allegheny
KLEIN, MD, Richard M	Allegheny	KOOLPE, MD, Louis	Philadelphia	KREMSKY, MD, Stenton S	Philadelphia		
KLEIN, MD, Sheldon	Philadelphia	KOOP, MD, C Everett	Allegheny	KRENZEL, MD, Archibeld R	Cambrie		
KLEIN, MD, Senford M	Allegheny	KOOROS, MD, Kien S	Allegheny	KRESAK, MD, George F	York		
KLEIN, MD, Theodore C	Jefferson	KOOSER, MD, Robert R	Allegheny	KRESGE, MD, Dele L	Allegheny		
KLEINBART, MD, Morris	Philadelphia	KOPELMAN, MD, Nethen A	Westmoreland	KRESH, MD, Norman N	Philadelphia		
KLEINER, MD, Anton J	Berks	KOPENHAVER, MD, Donald B	Lehigh	KRESLOFF, MD, Richard S	Philadelphia		
KLEINER, MD, Henry T	Philadelphia	KOPF, MD, Lawrence J	Northumberland	KRESSLER, MD, Robert J	Philadelphia		
KLEINER, MD, Jack	Philadelphia	KOPP, MD, Nel	Centre	KRETZ, MD, Stewart F	Allegheny		
KLEINSCHMIDT, MD, Robert F	Allegheny	KOPPEL, MD, Mex M	Philadelphia	KRETZING, MD, Herold G	Cumberland		
KLEM, MD, Albert J	Luzerne	KOPROWSKI, MD, Irene	Philadelphia	KRICK, MD, John H	Westmoreland		
KLEMEK, MD, Stenley C	Deuphin	KOPROWSKI, MD, Hilery	Philadelphia	KRICUN, MD, Morrison E	Philadelphia		
KLEMENS, MD, Robert F	Cambrie	KOPYCINSKI, MD, Clerk F	Erie	KRIEBEL, MD, Robert	Lehigh		
KLEPPINGER, MD, Richard K	Berks	KORANGY, MD, Amile A	Franklin	KRIEBEL, MD, Dorothy E	Berks		
KLIEGER, MD, Herman L	Westmoreland	KORONITS, MD, Charles W	Chester	KRIEBEL, MD, Richard H	Bucks		
KLIGERMAN, MD, Morton M	Philadelphia	KORENTZWITT, MD, Edith	Philadelphia	KRIEG, MD, Arthur F	Deuphin		
KLIGMAN, MD, Albert M	Philadelphia	KOREY, MD, Joseph J	Philadelphia	KRIEGER, MD, Benson	Philadelphia		
KLIMES, MD, Roneld L	York	KORHAMMER, MD, Alan F	Northampton	KRIEGER, MD, Henry L	Northampton		
KLIN, MD, Ben	Lackawanne	KORN, MD, John J	Luzerne	KRIFCHER, MD, Charles	Fayette		
KLIN, MD, Edger W	Montgomery	KORNFELD, MD, Norman B	Lancaster	KRIFCHER, MD, Emanuel	Allegheny		
KLIN, MD, Irwin K	Delaware	KOSCO, MD, George M	Jefferson	KRING, MD, Cerroll S	Allegheny		
KLIN, MD, Jack A	York	KOSHAR, MD, Merk I	Northampton	KRISHANDA, MD, Joseph B	Berks		
KLIN, MD, Robert M	Lebanon	KOSKOFF, MD, Yele D	Allegheny	KRISHNA, MD, Bhupendre	Leckawanne		
KLIN, MD, Robert W	Allegheny	KOST, MD, Kenneth R	Armstrong	KRISHNA, MD, Nerendre	Chester		
KLIN, MD, Tilde S	Delaware	KOST, MD, Lewis V	Deuphin	KRISHNAN, MD, Geete	Cheer		
KLINFELTER, MD, Hyde C	Delaware	KOST, MD, Paul F	Allegheny	KRISHNAN, MD, Kelyen S	Montour		
KLINGENSMITH, MD, Walter C	Philadelphia	KOSTELNIK, MD, Elizabeth V	Lehigh	KRISHNAPPA, MD, Borieh N	Montour		
KLINGER, MD, Henry M	Montour	KOSTER, MD, Lee H	Westmoreland	KRISHNASWAMI, MD, V	Westmoreland		
KLINGES JR, MD, Henry G	Philadelphia	KOSTIANOVSKY, MD, Mery	Philadelphia	KRISHNAN, MD, Robert C	Allegheny		
KLINGHOFFER, MD, June F	Philadelphia	KOSTIN, MD, Raymond F	Deuphin	KRISTO, MD, Bele A	Lancaster		
KLINGHOFFER, MD, Leonerd	Philadelphia	KOSTYAL, MD, John L	Allegheny	KRISTO, MD, Cetherine V	Delaware		
KLINMAN, MD, Steven W	Philadelphia	KOTAKIS, MD, John	Philadelphia	KRISTOFIC, MD, John D	Allegheny		
KLINMAN, MD, William	Philadelphia	KOTCH, MD, Micheal J	Luzerne	KRIVENKO, MD, Cheriee A	Luzerne		
KLIONSKY, MD, Bernerd L	Allegheny	KOTCHICK, MD, E Donald	Leckawanne	KRIVINKO, MD, Dennis M	Philadelphia		
KLOIN, MD, Jey E	Lehigh	KOTIN, MD, Edward H	Philadelphia				

AKDAWALA, MD, Shabbir	Allegheny	LAUKAITIS, MD, Ronald B	Lancaster	LEFLER, MD, Kenneth D	Cambria	LEVIN, MD, Joseph F	Philadelphia
AKOFF, MD, Kenneth M	Delaware	LAUREANO, MD, Reynaldo E	Butler	LEFTON, MD, Harvey B	Philadelphia	LEVIN, MD, John M	Philadelphia
ALLY, MD, Francis L	Mercer	LAURY, MD, William L	Philadelphia	LEGENDRE, MD, Gerald M	Montgomery	LEVIN, MD, Kenneth	Luzerne
ALUNA, MD, Francis J	Lackawanna	LAUTERBACH, MD, Edwin W	Montgomery	LEGUM, MD, Ronald M	Lancaster	LEVIN, MD, Morris	Bucks
AM, MD, Carl A	Lehigh	LAUTZ, MD, Virginia H	Philadelphia	LEHMAN, DO, Gregory M	Delaware	LEVIN, MD, Michael D	Philadelphia
AMAN JR, MD, Paul D	Allegheny	LAVAN, MD, Donald W	Philadelphia	LEHMAN JR, MD, Charles A	Lycoming	LEVIN, MD, Richard L	Bucks
AMANCUSA, MD, Nancy C	Lawrence	LAYELLE, MD, James P	Lackawanna	LEHMAN, MD, Clinton J	Luzerne	LEVIN, MD, Richard M	Lancaster
AMAS, MD, Carlos C	Allegheny	LAYER, MD, Arthur T	Delaware	LEHMAN, MD, Clara M	Allegheny	LEVIN, MD, Simon	Delaware
AMBERT, MD, Kenneth P	Berks	LAYERAN STIEBER, MD, Rudolf F	Philadelphia	LEHMAN, MD, Edward D	Philadelphia	LEVINE, MD, Arnold H	Philadelphia
AMBERT, MD, Robert L	Philadelphia	LAYERDE, MD, Philip S	Venango	LEHMAN, MD, Harvey L	Lancaster	LEVINE, MD, Charles R	Lahigh
AMBERT, MD, Walter H	Luzerne	LAVIN, DO, Edwin	Philadelphia	LEHMAN, MD, John W	Baaver	LEVINE, MD, Jacob	Westmoreland
AMBERTI, MD, William F	Lackawanna	LAVIN, MD, Morris	Philadelphia	LEHMAN, MD, Nelson R	Lancaster	LEVINE, MD, Leo A	Venango
AMBERTON, MD, William D	Erie	LAVIN-LESKA, MD, Linda S	Philadelphia	LEHMAN, MD, Ralph A	Dauphin	LEVINE, MD, Macy I	Allegheny
AMBERTSEN, MD, Christian J	Philadelphia	LAYINE, MD, Robert L	Philadelphia	LEHMAN, MD, Ruby Z	Dauphin	LEVINE, MD, Phillip R	Allegheny
AMBICHI, MD, Marika E	Delaware	LAWLESS, MD, David F	Cambria	LEHRER, MD, Lewis	Philadelphia	LEVINE, MD, Samuel	Philadelphia
AMBROS, MD, John E	Bucks	LAWLOR, MD, John M	Philadelphia	LEIBFRIED, MD, Jane M	Allegheny	LEVINE, MD, Sheldon R	Allegheny
AME, MD, Edwin L	Philadelphia	LAWLOR, MD, Robert J	Montgomery	LEIBOWITZ, MD, Leonerd D	Allegheny	LEVINSKY, MD, Walter J	Philadelphia
AMON, MD, Charles P	York	LAWRENCE, MD, James B	Philadelphia	LEIBY, MD, David K	Bucke	LEVINSON, MD, Julian P	Allegheny
AMP JR, MD, Clyde B	Allegheny	LAWRENCE, MD, John W	Delaware	LEICHTNER, MD, Thomas J	Philadelphia	LEVINSON, MD, Sander J	Lackawanna
AMP, MD, Albert L	Erie	LAWRENCE, MD, Salvatore A	Lackawanna	LEICHT, MD, Michael J	Montour	LEVINSON, MD, William D	Westmoreland
AMPARTER, MD, Carol M	Northumberland	LAWRENCE, MD, Theodore	Delaware	LEICHT, MD, Paul F	Dauphin	LEVIS, MD, Michael P	Allegheny
AMPE 2ND, MD, William T	York	LAWSKY, MD, Alan R	Allegheny	LEIDY, MD, John P	Berks	LEVINSON, MD, David J	Allegheny
AMPE, MD, William T	Philadelphia	LAWSON JR, MD, E Kirby	Dauphin	LEIGH, MD, Rewng	Westmoreland	LEVINSON, MD, Sandra P	Philadelphia
AN, MD, Sung-Shu	Indiana	LAWSON JR, MD, Herman	Dauphin	LEIGHTON, MD, Joseph	Philadelphia	LEVIT, MD, Edith J	Philadelphia
ANAUZE, MD, Harry E	Allegheny	LAYDEN, MD, Paul W	Erie	LEIGHTY, MD, Ralph G	Somerset	LEVIT, MD, Samuel M	Philadelphia
ANCASTER JR, MD, Edward L	Lancaster	LAYMAN, MD, Richard P	Franklin	LEIMAN, MD, Paul M	Lackawanna	LEVITT, MD, Lawrence P	Lehigh
ANCIANO, MD, Ralph C	Philadelphia	LAYTON, MD, Thomas R	Allegheny	LEINBACH, MD, Harvey D	Berks	LEVRI, DO, James	Allegheny
AND, MD, Alfred J	Schuylkill	LAZARO, MD, Miquela D	Philadelphia	LEINER, MD, Seymour	Philadelphia	LEVY, MD, Ellis H	Lehigh
ANDAU, MD, Leo W	Luzerne	LAZIN, DO, Norman	Lebanon	LEINWEBER, MD, Bruce K	Philadelphia	LEVY, MD, Edwin J	Delaware
ANDAU, MD, Philip M	Allegheny	LAZORIK, MD, Francis C	Delaware	LEIPHART, MD, Clarence D	Lancaster	LEVY, MD, Frank D	Philadelphia
ANDAY, MD, Louis H	Allegheny	LAZZARO, MD, Theodore A	Westmoreland	LEIPOLO, MD, Robert W	Montour	LEVY, MD, Leslie J	Allegheny
ANDAY, MD, Ronald A	Allegheny	LE, MD, Van Danh	Allegheny	LEIS, DO, Sherman N	Philadelphia	LEVY, MD, Marshall S	Allegheny
ANDER, MD, William W	Montgomery	LEACH, MD, Gary R	Erie	LEIS, MD, Deen J	Dauphin	LEVY, MD, Reinhardt D	Allegheny
ANDERMAN, MD, Nathaniel S	Allegheny	LEAHY, MD, John J	Philadelphia	LEISAWITZ, MD, Elliott G	Berks	LEVY, MD, Sydney	York
ANDES, MD, Ray P	Bucke	LEAL, MD, Gumerindo R	Schuylkill	LEISAWITZ, MD, Paul A	Berks	LEVY, MD, Waller M	Philadelphia
ANDFAIR, MD, Roy J	Allegheny	LEAMAN, MD, David M	Dauphin	LEISE, MD, Eleanor O	Delaware	LEW, MD, Chung M	Beaver
ANDIS, MD, Floyd M	Lancaster	LEAMAN, MD, Ivan B	Lancaster	LEISTER, MD, C Merrill	Lehigh	LEWIN, MD, Julian R	Allegheny
ANDIS, MD, Robert C	York	LEAR, MD, Benjamin F	Armstrong	LEISTER, MD, Howard A	Bucke	LEWIN, MD, Karl K	Allegheny
ANDIS, MD, Richard M	Wyoming	LEAR, MD, James L	Philadelphia	LEITEL, MD, Harold L	Jefferson	LEWIN, MD, Stanley B	Dauphin
ANDOLT, MD, Dolores M	Lancaster	LEARNER, MD, Norman	Philadelphia	LEITNER, MD, Kermit L	Dauphin	LEWINE, MD, Yale S	Cambria
ANDON JR, MD, Lyndon H	Venango	LEASE, MD, John R	Luzerne	LEITNER, MD, Stephen J	Delaware	LEWINN, MD, Edward B	Philadelphia
ANDSBERG, MD, Marc A	Allegheny	LEASER, MD, Joseph P	York	LEKAWA, MD, Thaddeus	Montour	LEWINN, MD, Laurence R	Montour
ANE, MD, Frank C	Philadelphia	LEAVITT, MD, Herbert M	Delaware	LEMAN, MD, William W	Philadelphia	LEWIS JR, MD, George C	Philadelphia
ANE, MD, John D	Westmoreland	LEB, MD, Daniel E	Allegheny	LEMENTOWSKA, MD, Maria	Fayette	LEWIS JR, MD, Howard T	Allegheny
ANE, MD, John F	Bucks	LEBEAU, MD, Jack	Montgomery	LEMENTOWSKI, MD, Michal	Fayette	LEWIS JR, MD, Thomas J	Allegheny
ANE, MD, John F	Washington	LEBED, DO, Joel P	Philadelphia	LEMERT, MD, Michael R	Chester	LEWIS, MD, Alan E	Philadelphia
ANE, MD, Paul W	Allegheny	LEBER, MD, Alfred P	Montgomery	LEMMON JR, MD, William T	Philadelphia	LEWIS, MD, Daniel W	Philadelphia
ANE, MD, Sally D	Philadelphia	LEBER, MD, David C	Dauphin	LEMMON, MD, William M	Philadelphia	LEWIS, MD, Earl T	Chester
ANG, MD, Edward J	Allegheny	LEBERMAN, MD, Paul R	Philadelphia	LEMOLE, MD, Gerald M	Philadelphia	LEWIS, MD, Gregory L	Cumberland
ANG, MD, Howard N	Allegheny	LEBMAN, MD, Ronald I	Philadelphia	LEMON, MD, Arden N	Philadelphia	LEWIS, MD, Henry C	Westmoreland
ANG, MD, Warren R	Philadelphia	LEBO, MD, Arland A	Lancaster	LEMONCELLI, MD, Gary L	Allegheny	LEWIS, MD, Ivor	Northumberland
ANGAN 3D, MD, E Lawrence	Delaware	LEBOUITZ, MD, Stanton S	York	LEMPERT, MD, Stevan L	Allegheny	LEWIS, MD, Kathryn A	Blair
ANGE, MD, John A	Erie	LEBOVITZ, MD, Allen E	Luzerne	LENAHAN, MD, Paul J	Luzerne	LEWIS, MD, Clifford	Chester
ANGENHEIM, MD, Geosette A	Washington	LEBOVITZ, MD, Charles N	Berks	LENGEL, MD, Gary P	Berks	LEWIS, MD, Maurice J	Dauphin
ANGER, MD, D Morton	York	LEBOVITZ, MD, Jerome J	Allegheny	LENHART, MD, Jack A	Lehigh	LEWIS, MD, Paul L	Philadelphia
ANGFELD, MD, Stephen B	Philadelphia	LEBRUN, MD, Andre J	Philadelphia	LENKEY, MD, Joseph L	Allegheny	LEWIS, MD, Paul M	Crawford
ANGFITT, MD, Thomas W	Philadelphia	LECHER, MD, Robert C	Delaware	LENNERT, MD, Joseph B	Northampton	LEWIS, MD, Robert E	Allegheny
ANGOL JR, MD, George	Allegheny	LECHER, MD, Wallace O	Delaware	LENOX, MD, Cora C	Allegheny	LEWIS, MD, Richard P	Allegheny
ANGSTON, MD, William C	York	LECHMAN, MD, Michael J	Delaware	LENOX, MD, John E	Allegheny	LEWIS, MD, Scott B	Chester
ANNUCCI, DO, Pat A	Philadelphia	LECHMANICK, MD, Eugene A	Allegheny	LENTINI, MD, Joseph A	Luzerne	LEWIS, MD, Stuart H	Delaware
ANNOCE, MD, Louis F	Philadelphia	LECHNER, MD, Frederic C	Lycoming	LENTON, MD, Herbert P	Cumberland	LEWIS, MD, Thomas J	Washington
ANSBURY, MD, John	Philadelphia	LECKS, MD, Harold I	Montgomery	LENTZ, MD, Conrad L	Northampton	LEWIS, MD, William D	Philadelphia
ANSHE, MD, Harold F	Dauphin	LECKS, MD, Leonard E	Philadelphia	LENTZ, MD, John W	Philadelphia	LEWIS, MD, William J	Philadelphia
ANSHE, MD, John L	Dauphin	LEDIS, MD, Robert	Philadelphia	LENTZ, MD, Kenneth H	Allegheny	LEWITT, MD, Michael H	Philadelphia
ANSING, MD, Dorothy I	Chester	LEDIS, MD, Seymour	Bucks	LENTZ, MD, Robert E	Lehigh	LEYDIS, MD, Richard A	Westmoreland
ANSON, MD, Freeman I	Allegheny	LEE JR, MD, Charles T	Philadelphia	LENTZ, MD, Sylvester E	Carbon	LEYNES, MD, Ruby E	Luzerne
ANTOS, MD, Raymond J	Cambria	LEE JR, MD, James H	Philadelphia	LENYO, MD, George E	Luzerne	LEZEK, MD, Vincent J	Allegheny
ANZ JR, MD, Robert J	Allegheny	LEE, MD, Arthur B	Philadelphia	LEON, MD, Donald F	Allegheny	LIACHOWITZ, MD, Claire H	Philadelphia
ANZ, MD, Richard K	Allegheny	LEE, MD, Bernard L	Philadelphia	LEONARD JR, MD, Edward C	Philadelphia	LIANG, MD, David Y	Allegheny
AORR, MD, Anan K	Indiana	LEE, MD, Bong S	Philadelphia	LEONARD, MD, Charles F	Allegheny	LIANG, MD, Meria	Allegheny
APAYOWKER, MD, Marc S	Philadelphia	LEE, MD, Chunchi	Bucks	LEONARD, MD, Justin T	Lebanon	LIANG, MD, Ping-Tcheng	Allegheny
APE JR, MD, I Samuel	Lebanon	LEE, MD, Chung H	Carbon	LEONARDO, MD, Frank A	Allegheny	LIAO, MD, Shang C	Beaver
APES, MD, George A	York	LEE, MD, Chong K	Montour	LEONCIO, MD, Jose D	Northampton	LIAM, MD, Ming T	Philadelphia
APOINTE, MD, Thomas A	Lycoming	LEE, MD, Chul N	Mercer	LEONE, MD, Charles R	Erie	LIAM, MD, Wen H	Philadelphia
APP, MD, John R	Lehigh	LEE, MD, Chong S	Lebanon	LEONG, MD, Kee Fong	Philadelphia	LIBERACE, MD, Ettore V	Delaware
ARA, MD, Domingo A	Philadelphia	LEE, MD, Charles Y	Delaware	LEONI, MD, Joseph	Berks	LIBERI, MD, Alfred A	Delaware
ARA, MD, Henry R	Erie	LEE, MD, Daniel	Chester	LEONIDA, MD, Eifren L	Westmoreland	LIBERMAN, MD, Alberto J	Venango
AREAU, MD, Daniel G	Warren	LEE, MD, Dong P	Erie	LEOPOLD, DO, Normen A	Delaware	LIBERTA, MD, Thomas R	Northampton
ARGOZA, MD, Nacianceno T	Washington	LEE, MD, Edward Y	Lackawanna	LEOPOLD JR, MD, Albert R	Mifflin-Juniata	LIBONATI, MD, Margaret M	Northampton
ARKIN JR, MD, Vincent D	Philadelphia	LEE, MD, Foo T	Allegheny	LEOPOLD, MD, Robert L	Philadelphia	LICHTENBERG, MD, Richard A	Delaware
ARKIN JR, MD, Welter J	Lackawanna	LEE, MD, H C	Northampton	LEOPOLD, MD, Samuel	Philadelphia	LICHTENSTEIN, MD, Israel	Philadelphia
ARKIN, MD, Francis L	Fayette	LEE, MD, Henry F	Philadelphia	LEPAR, MD, Edwin	Philadelphia	LICHTENSTEIN, MD, Stephen B	Philadelphia
ARKIN, MD, Frank L	Leckawenne	LEE, MD, Howard G	Chester	LEPPERD, MD, Floyd C	York	LICHTER, MD, Isedore A	Allegheny
ARKIN, MD, Glenn M	Allegheny	LEE, MD, In W	Erie	LERBERG, MD, David B	Allegheny	LICHTER, MD, James G	Allegheny
ARKIN, MD, William A	Fayette	LEE, MD, Jengwoo	Schuylkill	LERMAN, MD, Leo R	York	LIDDELL, MD, Albert G	Lycoming
ARKIN, MD, Walter J	Leckawanne	LEE, MD, Jennifer C	Bucks	LEARNER, MD, Hervey J	Philadelphia	LIDDELL, MD, J Spencer	Allegheny
AROSSA, MD, Doneto D	Philadelphia	LEE, MD, James J	Allegheny	LEARNER, MD, Samuel M	Lehigh	LIEBERBERG, MD, Robert E	Philadelphia
ARSEN, MD, Robert D	Erie	LEE, MD, John K	Washington	LEARNER, MD, Sidney S	Philadelphia	LIEBERMAN JR, MD, Joseph A	Lehigh
ARSON JR, MD, Theodore S	Lycoming	LEE, MD, Jung Pil	Berks	LEROY, MD, N Blair	Montgomery	LIEBERMAN, MD, Daniel	Philadelphia
ARSON, MD, Eleanor	Tioga	LEE, MD, Jung S	Delaware	LESAR, MD, James F	Delaware	LIEBERMAN, MD, Donel H	Philadelphia
ARTZ, MD, Robert E	Mercer	LEE, MD, Jong Y	Westmoreland	LESHOCK, MD, Leon E	Carbon	LIEBERMAN, MD, Francis A	Lehigh
ASALVIA, MD, Lucy A	Philadelphia	LEE, MD, Ki B	Luzerne	LESLIE JR, MD, M Russell	Allegheny	LIEBERMAN, MD, Frederick S	Philadelphia
ASCHER, MD, William P	Allegheny	LEE, MD, Kyung C	Lackawenne	LESLIE, MD, David C	Washington	LIEBERMAN, MD, George E	Philadelphia
ASHER, MD, Jay D	Erie	LEE, MD, Kwan I	Allegheny	LESNIAK, MD, John P	Lackawanna	LIEBERMAN, MD, Samuel	Philadelphia
ASHER, MD, Robert L	Erie	LEE, MD, Kenneth K	Delaware	LESNOCK, MD, Robert G	Washington	LIEBERT, MD, Peter S	Philadelphia
ASKA, MD, Edward M	Delaware	LEE, MD, Kwang W	Philadelphia	LESSE, MD, S Michael	Northampton	LIEBLER, MD, George A	Allegheny
ASKAS, MD, John J	Delaware	LEE, MD, Kwan W	Philadelphia	LESSIG, MD, Harry J	Philadelphia	LIEBMAN, MD, Emil P	Philadelphia
ASKIN, MD, David A	Lehigh	LEE, MD, Martin L	Montour	LESTER, MD, Daniel E	Washington	LIEBMAN, MD, Irvin M	Bucks
ASKIN, MD, Isadore	Philadelphia	LEE, MD, Ook J	Allegheny	LETO, MD, Francoeco	Philadelphia	LIEBMAN, MD, Ronel	Philadelphia
ATMAN, MD, Stephen F	Berks	LEE, MD, Roten	Philadelphia	LETOCHA, MD, Charles E	York	LIEDKE, MD, Richard D	Allegheny
ATOFF, MD, Thomas J	Chester	LEE, MD, Robert E	Allegheny	LETVIN, MD, Lee B	Montgomery	LIEDTKE, MD, Arthur J	Deuphin
ATOUR, MD, Frenz	Philadelphia	LEE, MD, Robert E	Allegheny	LEUCCI, MD, Gino	Philadelphia	LIEF, MD, Herold I	Philadelphia
ATOUR, MD, Merie G	Philadelphia	LEE, MD, Sengui L	Beaver	LEUKHARDT, MD, Susan L	Allegheny	LIFTON, MD, Lester J	Deuphin
ATTSHAW, MD, Robert F	Dauphin	LEE, MD, Seung Chan	Crawford	LEUNISSEN, MD, Reinhard L	Delaware	LIGGETT, MD, Joseph G	Allegheny
ATTA, DO, Richard S	Monroe	LEE, MD, Seung H	Philadelphia	LEUTE, MD, Millard S	Delaware	LIGGETT, MD, John S	Allegheny
ATTIN, MD, Gery M	Berks	LEE, MD, Sang T	Northampton	LEVAN, MD, John B	Berks	LIGHT, MD, Harry G	Northampton
AUANDOS, MD, Ibrehim E	Schuylkill	LEE, MD, Wing Y	Fayette	LEVENBERG, MD, David	Philadelphia	LIGHT, MD, John H	Centre
AUB, MD, Irene F	Allegheny	LEE, MD, Ying P	Allegheny	LEVENDORF, MD, Melvin	Allegheny	LIGHT, MD, John J	Lebanon
AUBACH JR, MD, Charles A	Northampton	LEE, MD, Young W	Wayne Pike	LEVENSON, MD, Carl	Philadelphia	LIGHT, MD, Wilma C	Westmoreland
AUBACH, MD, George B	Montour	LEECH, MD, John W	Allegheny	LEVENSON, MD, Morton W	Lancaster	LIGHTFOOT, MD, William P	Philadelphia
AUBY, MD, Vincent W	Northampton	LEEDHAM, MD, Charles L	Dauphin	LEVY, MD, Gerald S	Allegheny	LIGNELLI, MD, Gregory J	Berks
AUCIUS, MD, J Frederick	Philadelphia	LEEDON, MD, John F	Montgomery	LEVICK, MD, Leonard J	Philadelphia	LIKOFF, MD, William	Philadelphia
AUCKS, MD, Stephen O	Philadelphia	LEEGARD, MD, Robert L	Allegheny	LEVICK, MD, Marvin H	Allegheny	LILLEY, MD, George W	Delaware
AUCKS, MD, S Philip	Lehigh	LEEMHUIS, MD, Ronald P	Erie	LEVICK, MD, Stanley N	Philadelphia	LILLI, MD, Elmo J	Monroe
AUDENSLAGER, MD, Elmer C	York	LEEN, MD, Raymond L	Allegheny	LEVIN, MD, Andrew J	Philadelphia	LILLIE, MD, David B	Bucks
AUDER, MD, James L	Bucks	LEET, MD, Thomas E	Lehigh	LEVIN, MD, Barry L	Philadelphia	LIM, MD, Dee Beng	Philadelphia
AUFER, MD, Elizabeth U	Allegheny	LEFEVER, MD, Robert S	Adams	LEVIN, MD, Daniel M	Dauphin	LIM, MD, Edward T	Fayette
AUGHLIN, MD, Robert M	Philadelphia	LEFF, MD, Bernard	Allegheny	LEVIN, MD, Gene D	Bucks	LIM, MD, Heng-Feng	Deuphin
	Allegheny	LEFKOE, MD, Roy T	Philadelphia	LEVIN, MD, Gary J	Chester	LIM, MD, Osmundo U	Delaware

LIM, MD, Young K	Westmoreland	LOH, MD, Terence T	Allegheny	LUNG, MD, Richard J	Luzerna	MAGILL, MD, William H	Perry
LIMA, MD, Claudio A	Allegheny	LOHMANN, MD, Albert E	Barks	LUNS福德, MD, Lawrence D	Allaghamy	MAGILNER, MD, Arthur D	Philadelphia
LIMBERAKIS, MD, Anthony J	Philadelphia	LOK, MD, Mai-Pai	Schuylkill	LUONGO JR, MD, Romeo A	Philadelphia	MAGILNER, MD, Louis	Philadelphia
LIMBERGER, MD, William A	Chaster	LOMAX JR, MD, Walter P	Philadelphia	LUONGO, MD, Joseph C	Dalawere	MAGLEY, MD, Robert C	Cambria
LIMBERT, MD, Lawrence	Montgomery	LOMBARD, MD, Robert M	Lancaster	LUPARELLO, MD, Frank J	Allegheny	MAGNANI, MD, Thomas J	Centra
LIMCUANDO, MD, Emiliano D	Someraet	LOMBOY, MD, Norme T	Lehigh	LUPARIELLO, MD, Angelo D	Allegheny	MAGNANT, MD, Claude D	Barka
LIMKAKENG, MD, Alexander D	Allegheny	LONDON, MD, Gledys Z	Dalawara	LUPIN, MD, Gordon W	Montgomery	MAGOVERN, MD, George J	Allaghamy
LIN, MD, Ching H	Schuylkill	LONDON, MD, Philip	Philadelphia	LUPINETTI, MD, Michael F	Allegheny	MAGRAN, MD, Leonardo	Philadelphia
LIN, MD, Chiu P	Lehigh	LONDON, MD, Richard L	Lehigh	LURIO, DO, Stephan A	Erie	MAGUIRE JR, MD, Henry C	Philadelphia
LIN, MD, David Y	Philadelphia	LONDON, MD, W Thomas	Philadelphia	LURIE, MD, Abraham F	Montgomery	MAGUIRE, MD, Joseph I	Dalawara
LIN, MD, Mei Pu	Schuylkill	LONERGAN, MD, Robert P	Deuphin	LUSCH, MD, Charles J	Barks	MAGUIRE, MD, Lao J	Dalawara
LIN, MD, Ming-Shek	Allegheny	LONG JR, MD, Harbart C	Indiana	LUSCHINSKY, MD, Walter	Schuylkill	MAGUIRE, MD, Meureen R	Luzerne
LIN, MD, Pu-Ching	Elk-Cameron	LONG JR, MD, William C	Clinton	LUSCOMBE, MD, Harbert A	Philadelphia	MAHA, MD, George E	Philadelphia
LIN, MD, Paul M	Philadelphia	LONG, MD, Elmar C	Lehigh	LUSCOMBE, MD, Harbert J	Bucks	MAHALINGAPPA, MD, C	Westmoreland
LIN, MD, Rong-Chung	Allegheny	LONG, MD, Edwin T	Cambria	LUSSEY, MD, Marthe A	Lahigh	MAHAN, MD, James C	Allegheny
LIN, MD, Ruey-Yen	Philadelphia	LONG, MD, Joseph P	Cumberland	LUTHER, MD, Robert J	Cambria	MAHAN, MD, John P	Bucks
LIN, MD, Wu Jen	Elk-Cameron	LONG, MD, Julien S	Luzerna	LUTHRA, MD, Demyenti	Allegheny	MAHBOUBI, MD, Riez	Bucks
LIN, MD, Zhu-Shin	Lehigh	LONG, MD, Paul R	Montour	LUTHRA, MD, Menmohan	Allegheny	MAHER, MD, Ragia M	Fayette
LINCOFF, MD, William	Deleware	LONG, MD, Richard A	Washington	LUTMAN, MD, Frank C	Philadelphia	MAHIDHARA, MD, Seshamamba	Fayette
LINCOW, DO, Arnold S	Philadelphia	LONG, MD, Robert D	Union	LUTZ JR, MD, Roland B	Montgomery	MAHMOOD, MD, Tariq	Elk-Cameron
LINDBLAD, MD, John H	Allegheny	LONG, MD, Thadorea K	Labanon	LUTZ, MD, Edger H	Susquehanna	MAHMUD, MD, Faruq	Montour
LINDEMUTH, MD, Edmund K	Bucks	LONG, MD, Thomas C	Allegheny	MAHON JR, MD, Frank B	Lahigh	MAHON JR, MD, Frank B	Bradford
LINDEN, MD, Maurice E	Philadelphia	LONG SR, MD, William L	Philadelphia	MAHON, MD, Marilyn S	Lahigh	MAHON, MD, Marilyn S	Dauphin
LINDENBAUM, MD, Jorge	Allegheny	LONGABAUGH, MD, Edward E	Allegheny	MAHON, MD, Wilmar B	Northampton	MAHONEY, MD, Margaret G	Deuphin
LINDENFELD, MD, Arthur	Lehigh	LONGAKER JR, MD, George M	Montgomery	LYCHAK, MD, John C	Philadelphia	MAHOOB, MD, Abdul-Hemed	Philadelphia
LINDENMUTH, MD, Woodrow W	Philadelphia	LONGARINI, MD, Amicar E	Schuylkill	LYLE, MD, Donald F	Clairion	MAIDA, MD, Frenk V	Westmoreland
LINDHOLM, MD, Dele D	Lackawanna	LONGENECKER, MD, Benjamin E	Barks	LYNCH, DO, William J	Bradford	MAIER, MD, Willis P	Philadelphia
LINDQUIST, MD, John N	Philadelphia	LONGENECKER, MD, Roger N	Berks	LYNCH, MD, John C	Barka	MAIGUR, MD, William S	Lackawanna
LINE, MD, Dennie E	Cumberland	LONGENHAGEN, MD, John B	Lehigh	LYNCH, MD, James D	Philadelphia	MAINGI, MD, Narash S	Deuphin
LING, MD, Charles C	Schuylkill	LONGO, MD, Santo	Huntingdon	LYNCH, MD, James R	Westmoreland	MAINZER, MD, Francis K	Huntingdon
LINHART, MD, Rendolph W	Allegheny	LONGWELL JR, MD, Banton E	Cambria	LYNCH, MD, Joseph S	Deleware	MAINZER, MD, Francis S	Huntingdon
LINHART, MD, William O	Allegheny	LONGWELL, MD, Robert H	Lancaster	LYNCH, MD, Robert E	Chester	MAIORANA, MD, S Leroy	Barks
LINN, DO, Robert	Philadelphia	LONGSDORF, MD, Richard G	Philadelphia	LYND JR, MD, Clifford W	York	MAIORIELLO, MD, Joseph J	Dalawara
LINN JR, MD, Jay G	Allegheny	LOOKINGBILL, MD, Donald P	Dauphin	LYNESS, MD, Samuel S	York	MAISEL, MD, Wilfred	Northampton
LINN, MD, John L	Warren	LOOMIS, MD, Charles H	Dauphin	LYNN, MD, Cherlea A	Montgomery	MAISELS, MD, M Jeffrey	Dauphin
LINN, MD, Robert H	Lancaster	LOOMIS, MD, James W	Leckawanna	LYNN, MD, Dorothy R	Butler	MAISH JR, MD, George O	Northampton
LINNEMANN, MD, Roger E	Philadelphia	LOOSE, MD, William D	Eria	LYNN, MD, Richard E	Philadelphia	MAITLAND, MD, Leah A	Adama
LIPAPEN, MD, Arthur B	Montgomery	LOPEZ, MD, Aise G	Philadelphia	LYON, MD, Edward	Lycoming	MAIVALD, MD, Pavel	Allegheny
LINTGEN, MD, Charles I	Philadelphia	LOPEZ, MD, Releel H	Montour	LYON, MD, Julien M	Philadelphia	MAJEWski, MD, Jarzy	Armstrong
LINTZMEYER, MD, Emil A	Dalawara	LOPEZ, MD, Ubaldo P	Philadelphia	LYON, MD, William R	York	MAJOR, MD, David A	Philadelphia
LIPANA, MD, Narciaa D	Westmoreland	LOPONTE, MD, Maria A	Deleware	LYONS JR, MD, John W	Philadelphia	MAKAROWSKI, MD, William S	Eria
LIPANA, MD, Oscar N	Westmoreland	LOPRETE, MD, Fraderick P	Deleware	LYONS, MD, Daniel C	Barka	MAKARY, MD, Adel Z	Montour
LIPAPIS, MD, Chriaty N	Allegheny	LOPUSNIACK, MD, Miaczyslaw S	Allegheny	LYONS, MD, Gery W	Eria	MAKDAD, MD, Amaane G	Westmoreland
LIPCIUS, MD, Frenk	Dalawara	LORBER, MD, Stanley H	Philadelphia	LYONS, MD, Lawrence L	Allegheny	MAKHDOMI, MD, A Reshid	Northampton
LIPEDI, MD, Adeluoie	Lackawanna	LORD, MD, William H	Barks	LYONS, MD, Ralph	Schuylkill	MAKHJIA, MD, Kailesh R	Allegheny
LIPINSKI, MD, Joseph F	Westmoreland	LORENTZ, MD, Gerald T	Franklin	LYONS, MD, Richard C	Erie	MAKLER, MD, Jacob S	Philadelphia
LIPKIN, MD, David E	Montgomery	LORENZ III, MD, Stephen A	Allegheny	LYONS, MD, Wilbart A	Bucks	MAKNOON, MD, Ali A	Vanengo
LIPMAN, MD, Bernerd L	Philadelphia	LORENZ, MD, Howard	Philadelphia	LYTEL, MD, Frederick	Montgomery	MAKOUS, MD, Norman	Philadelphia
LIPMAN, MD, Rodney C	Eria	LORENZO, MD, Fraderick V	Adams	LYTLE, MD, Larry H	Clinton	MALACHESKY, MD, Thomas M	Tioga
LIPMAN, MD, Sidney P	Jefferson	LORICO, MD, Abegeel N	Jefferson	LYU, MD, Byong Sook	Philadelphia	MALCOLM JR, MD, John A	Union
LIPPERT, MD, Louis C	Philadelphia	LORRY, MD, Relph W	Philadelphia			MALCOLM, MD, Donald C	Huntingdon
LIPPIN, MD, Richard A	Philadelphia	LOSASSO, MD, Dominic E	Armstrong			MALCOLM, MD, John A	Allegheny
LIPPMANN, MD, Michael L	Philadelphia	LOTKE, MD, Paul A	Philadelphia			MALDONADO, MD, Benjamin A	Clearfield
LIPPO, MD, Frenk L	Philadelphia	LOTTICK, MD, Edward A	Luzerne			MALEK, MD, Menaour	Philadelphia
LIPSCHUTZ, MD, Arthur	Philadelphia	LOTZ, MD, Andrew J	Chaster			MALEY, MD, Edward D	Lancaster
LIPSCHUTZ, MD, Steven M	Philadelphia	LOUGHEAD JR, MD, John R	Berks			MALHOTRA, MD, Narinder K	Allegheny
LIPSCHUTZ, MD, Samuel S	Philadelphia	LOUGHLIN, MD, Richard R	Montgomery			MALHOTRA, MD, Rajeshwar P	Mifflin-Juniata
LIPSHUTZ, MD, Harold	Philadelphia	LOUIS-CHARLES, MD, Roy	Philadelphia			MALHOTRA, MD, Shashpal	Mifflin-Juniata
LIPSHUTZ, MD, William H	Allegheny	LOUKA, MD, Mounir H	Bucka			MALHOTRA, MD, Vijay K	Cambria
LIPSITZ, MD, H David	Philadelphia	LOUX, MD, Norman L	Allegheny			MALIA, MD, Joseph E	Allegheny
LIPSUS, MD, Edward I	Bucks	LOVE, MD, Joseph R	Philadelphia			MALICK, MD, Donald V	Schuylkill
LIPSON, DO, Philip A	Bucks	LOVE, MD, Michael B	Dauphin			MALICK, MD, Gerald P	Barks
LIPSON, MD, M Berry	Deuphin	LOVE, MD, Willard H	Monroe			MALIK, MD, Hussein G	Monroa
LIPTON, MD, Allen	Montgomery	LOVECCHIO, MD, Frenca A	Blair			MALIK, MD, Khalid M	Chaster
LIPTON, MD, Steven E	York	LOVELL, MD, Donald R	Cembrie			MALIK, MD, Khalid M	Armstrong
LIS, MD, Edward T	Philadelphia	LOVETTE, MD, John B	Luzerna			MALIK, MD, Maqsood A	Schuylkill
LISAN, MD, Philip	Westmoreland	LOVRINIC, MD, Daniel F	Chaster			MALIK, MD, Zatar I	Philadelphia
LISKA, MD, John R	Philadelphia	LOVRINIC, MD, William S	Philadelphia			MALIN, MD, Thomas H	Deuphin
LISKER, MD, Sheldon A	Westmoreland	LOW, MD, Dong O	Northampton			MALINA, MD, Steven	York
LISOWITZ, MD, Gerald M	Chaster	LOW, MD, Thomas H	Allegheny			MALINOWSKI, MD, John A	Allegheny
LISS, MD, Gilbert A	Deleware	LOWDER JR, MD, Relph J	Warren			MALISHAUCKI, MD, Mary G	Schuylkill
LISTA, MD, William A	Lehigh	LOWE, MD, Raymond E	Philadelphia			MALISHAUCKI, MD, Thomas J	Schuylkill
LISTWA, DO, Howard M	Luzerne	LOWE, MD, Stephan J	Lancaster			MALIT, MD, Fiorello G	Allegheny
LITCHMAN, MD, Joseph F	York	LOWELL, MD, Frad M	Allegheny			MALIT, MD, Lee A	Montgomery
LITRENTA, MD, David E	Philadelphia	LOWERY, MD, Willa D	Dauphin			MALIT, MD, Peultie Y	Allegheny
LITT, MD, Lawrence M	Deuphin	LOWRY, MD, Donald J	Philadelphia			MALLIN, MD, Richard K	Montgomery
LITTLE, MD, G Robert	Montour	LOWRY, MD, W Norwood	Berks			MALLIN, MD, William S	Philadelphia
LITTLE, MD, Harry	Philadelphia	LOWY JR, MD, Alexander D	Allegheny			MALLINGER, MD, Michael	Allegheny
LITTLE, MD, Relph B	Dauphin	LOYCHIK, MD, Robert L	Blair			MALLINGER, MD, Samuel H	Beaver
LITTLE, MD, Robert G	Dalawara	LOYCKIK, MD, Sendre G	Blair			MALLIT, MD, Malvin L	Allegheny
LITTMAN, MD, Solomon I	Dauphin	LOZANO, MD, Remon G	Allegheny			MALLORY JR, MD, George B	Union
LITTON, MD, Jeson J	Dauphin	LU, MD, Milton M	Lancaster			MALLOTT, MD, I Floyd	Allegheny
LITTON, MD, Linde T	Montgomery	LU, MD, Ta Shung	Bradford			MALLOY, MD, Edward L	Allegheny
LITVIN, MD, Henry	Philadelphia	LUBBE, MD, William J	Lycoming			MALLOY, MD, Edwin S	Lackawanna
LIU, MD, Jung-Ching	Bradford	LUBIC, MD, Lowell G	Allegheny			MALLOY, MD, Tarranca R	Philadelphia
LIVELY, MD, Henry S	Luzerna	LUBIN, MD, Joseph D	Philadelphia			MALMUD, MD, Leon S	Philadelphia
LIVENGOD, MD, Margaret A	Philadelphia	LUBIZKA, MD, Alexandrie	Philadelphia			MALONE, MD, William J	Vanengo
LIVOLSI, MD, Philip D	Wyoming	LUBOW, MD, Harry	Westmoreland			MALONEY, MD, Donald W	Montgomery
LLEWELLYN, MD, William J	Berks	LUBOWITZ, MD, Richard M	Montgomery			MALSCH, MD, Evemaria	Eria
LLOYD, MD, Edger C	Eria	LUCAS, MD, R Dubois	Philadelphia			MALSVAR, MD, Thomas O	Philadelphia
LLOYD, MD, Gerald R	Allegheny	LUCCHINO, MD, David B	Luzerne			MAMBU, MD, Joseph F	Lawrence
LLOYD, MD, Jon C	Allegheny	LUCENA, MD, Aurore L	Dalawara			MAMO, MD, George E	Westmoreland
LOBAS, MD, David M	Allegheny	LUCENA, MD, Ernesto E	Deleware			MAMULA, MD, Milton	Allegheny
LOBES JR, MD, Louis A	Allegheny	LUCHETTE, MD, Albert A	Deleware			MANCALL, MD, Elliott L	Philadelphia
LOBL, MD, Lawrence T	Philadelphia	LUCHI, MD, Angelo L	Marcar			MANCINO, MD, Peter J	Lawrence
LOCHHEAD, MD, Harrie B	Allegheny	LUCIER, MD, Altred C	Luzerna			MANDAL, MD, Senat K	Philadelphia
LOCKE, MD, David L	Lancaster	LUCINE JR, MD, Albert A	Deleware			MANDARINO, MD, Michael P	Philadelphia
LOCKEY III, MD, Stephan D	Lancaster	LUDERER, MD, John R	Chester			MANDARINO, MD, Michael P	Philadelphia
LOCKEY, MD, Stephan D	Philadelphia	LUDIVICO, MD, Charles L	Dauphin			MANDEL, MD, Martin M	Philadelphia
LOCKMAN, MD, Bruce E	Berks	LUDMER, MD, Merio	Northampton			MANDELKORN, MD, Robert M	Allegheny
LODER, DO, Donald I	Philadelphia	LUDWIG, MD, Jacob S	Allegheny			MANDELL, MD, Andrew M	Marcar
LODISE, MD, Raymond J	Erie	LUFT, MD, William C	York			MANDELL, MD, Morton S	Philadelphia
LOEB, MD, Rolend A	Bradford	LUGO, MD, Stevan J	Blair			MANDETTA, MD, Donald F	Centra
LOEB, MD, Robert L	Cleefield	LUGUE JR, MD, Amedo B	Cleefield			MANETTA, MD, John I	Montgomery
LOEFFLER JR, MD, John G	Bucks	LUGUE, MD, Carmelo S	Allegheny			MANETTA, MD, Albarto	Blair
LOEPER, MD, Donald J	Philadelphia	LUIGUE, MD, Carmelo S	Philadelphia			MANFREY, DO, Frank J	Montgomery
LOEV, MD, Mervin	Philadelphia	LUISTRO, MD, Patria D	Lycoming			MANGANIello, MD, Charles M	Luzerne
LOEW, MD, Clifford G	Delawara	LUKAS, MD, Raymond A	Northampton			MANGES, MD, John P	Franklin
LOEWENBERG, MD, Leopold S	Luzerne	LUKASZCZYK, MD, Thomas A	Jefferson			MANGES, MD, W Bosley	Philadelphia
LOFARO, MD, Salvatore A	Philadelphia	LULL JR, MD, Clifford B	Allegheny			MANGES, MD, Willis E	Lackawanna
LOFTUS, MD, Joseph A	Philadelphia	LUMB, MD, George D	Clearfield			MANGIONE, MD, Anthony J	Eria
LOFTUS, MD, J Edward	Philadelphia	LUMISH, MD, Robert M	Allegheny			MANGO, MD, Albert E	Philadelphia
LOFTUS, MD, Thomas A	Philadelphia	LUNA, MD, Fradesvinda	Clearfield			MANI, MD, Shobha T	Philadelphia
LOFTUS, MD, Thomas M	Franklin	LUNA, MD, Roberto S	Cleefield			MANIGLIA, MD, Angelo J	Blair
LOGAN, MD, David J	Allegheny	LUND, MD, Paera C	Cambria			MANIGLIA, MD, Rosario	Dauphin
LOGAN, MD, Kenneth M	Westmoreland	LUNDIE, MD, William M	Westmoreland			MANKO, MD, Gene F	Dauphin
LOGAN, MD, Thomas M	Montgomery	LUNDY, MD, Berbere S	Philadelphia				
LOGUE, MD, Jemea G	Philadelphia	LUNDY, MD, Theodore	Philadelphia				
LOH, MD, Charles K	Cumberland						

MANKO, MD, Michael A	Montgomery	MARTELLA JR, MD, Arthur	Montgomery	MAYER, MD, Eugene M	Philadelphia	MCDERMOTT, MD, Maria M	Bradford
MANKOVICH, MD, Paul A	Westmoreland	MARTHOUSE, MD, Stephan J	Mifflin-Juniata	MAYER, MD, Karl F	Philadelphia	MCDERMOTT, MD, Robert W	Allaghy
MANLEY, MD, Charles R	Susquehanna	MARTIN, DO, Elvin L	Somerset	MAYER, MD, William F	Cambria	MCDONALD JR, MD, Robert H	Allaghy
MANLEY, MD, John G	Philadelphia	MARTIN JR, MD, John B	Washington	MAYERS JR, MD, Stanley P	Cantra	MCDONALD, MD, Donald J	Philadelphia
MANLOVE, MD, Francis R	Philadelphia	MARTIN JR, MD, Philip R	Monroe	MAYES, MD, Richard L	Cantra	MCDONALD, MD, Herbert M	Lackawanna
MANN JR, MD, William M	Warren	MARTIN, MD, Arthur E	Lancaster	MAYHEW, MD, J Morgan	Westmoreland	MCDONALD, MD, Khlar E	Warren
MANN, MD, Arthur F	Montgomery	MARTIN, MD, Charles D	Allaghy	MAYLOCK, MD, John H	Huntingdon	MCDONALD, MD, Phillip R	Philadelphia
MANN, MD, Harold J	Bucks	MARTIN, MD, C Edwin	York	MAYO, MD, Edith A	Dalawara	MCDONALD, MD, Thomas A	Montgomery
MANN, MD, Irving A	Dalawara	MARTIN, MD, Clarence H	Philadelphia	MAYO, MD, James P	Adams	MCDONNELL, MD, Thomas J	Lackawanna
MANN, MD, Lowell D	Lancaster	MARTIN, MD, Enoc D	Dauphin	MAYOCK, MD, Robert L	Philadelphia	MCDONNELL, MD, William V	Philadelphia
MANN, MD, Richard H	Lancaster	MARTIN, MD, Fraderick H	Lahigh	MAYRO, MD, Julian	Philadelphia	MCDONOUGH, MD, Gerard F	Clinton
MANN, MD, Richard M	Allaghy	MARTIN, MD, Fradnc W	Allaghy	MAYS, MD, Richard R	Lycoming	MCDONOUGH, MD, Gerard A	Lahigh
MANNELLA, MD, William J	Delawara	MARTIN, MD, Gerald B	Cumbarland	MAZAHARI, MD, Ahmed	Bucks	MCDOWELL, MD, Mary J	Allaghy
MANNING, MD, Dennis M	Allaghy	MARTIN, MD, John C	Columbia	MAZER, MD, Howard	Philadelphia	MCELREE, MD, James C	Marcar
MANNING, MD, Harry J	Crawford	MARTIN, MD, John H	Philadelphia	MAZER, MD, Julue	Allaghy	MCELROY, MD, Robert C	Philadelphia
MANNING, MD, Herry L	Lycoming	MARTIN, MD, Joan L	Dalawara	MAZRO, MD, John R	Westmoreland	MCELROY, MD, Walter D	Allaghy
MANNING, MD, Russell G	Jefferson	MARTIN, MD, Jack L	Barks	MAZIARZ, MD, Dennis M	Bucks	MCELWAIN, MD, Guy E	Philadelphia
MANRIQUE, MD, Jose V	Luzarne	MARTIN, MD, James S	Lancaster	MAZZA JR, MD, Petrick A	Barka	MCEVOY, MD, Robert F	Northampton
MANSALL, MD, John L	Lawrance	MARTIN, MD, J Scott	Montour	MAZZA, MD, Joseph L	Allaghy	MCFADDEN, MD, John F	Bucks
MANSER, MD, Jaanne I	Philadelphia	MARTIN, MD, James W	Crawford	MAZZEI, MD, Joseph M	Allaghy	MCFADDEN, MD, William M	Philadelphia
MANSMANN, MD, James A	Allaghy	MARTIN, MD, Lawrence F	Graena	MAZZIOTTI, MD, Mario C	Mckean	MCFARLAND, MD, Malcolm D	Philadelphia
MANSTEIN, MD, George	Philadelphia	MARTIN, MD, Martina M	Montgomery	MAZZOLA, MD, Robert D	Montgomery	MCGARRY, MD, Thomas F	Bucks
MANSURE, MD, Frank T	Delawara	MARTIN, MD, Manuel T	Allaghy	MCADAMS, MD, Andrew J	Allaghy	MCGARVEY, MD, Joseph F	Bucks
MANSURE, MD, Patricia R	Delawara	MARTIN, MD, Richard E	Philadelphia	MACAFOS, MD, J Allan	Allaghy	MCGARRY, MD, Myron L	Allaghy
MANSUY, MD, Matthew M	Lycoming	MARTIN, MD, Thomas J	Montour	MCALDER, MD, David J	Dalawara	MCGARVEY, MD, Richard N	Allaghy
MANTELL, MD, Donald J	Allaghy	MARTIN, MD, Thomas W	Allaghy	MCCALLISTER, MD, Helen B	Philadelphia	MCGAVIC, MD, John S	Montgomery
MANTIA, MD, August M	Allaghy	MARTINEAU, MD, Perry C	Allaghy	MCCALLISTER, MD, John D	Allegheny	MCGEARY, MD, Joseph D	Philadelphia
MANUBAY, MD, Marcelo A	Berks	MARTINEZ, MD, Augusto J	Allaghy	MCCALLOOSE, MD, Louis T	Luzarne	MCGEARY, MD, James E	Warren
MANUEL, MD, Lauraano M	Columbia	MARTINEZ, MD, Jose	Philadelphia	MCCANDREW, MD, Francis J	Northampton	MCGEARY, MD, Laatar E	Westmoreland
MANUS, MD, Nathan	Philadelphia	MARTINEZ-ESKENASY, MD, Garman	Lackawanna	MCCANDREW, MD, John J	Lackawanna	MCGEE JR, MD, Joseph P	Dalawara
MANUS, MD, Stephan C	Mifflin-Juniata	MARTINEZ-HERNANDEZ, MD, Garman	Lackawanna	MCCANDREW, MD, Paul C	Lackawanna	MCGEE, MD, Elizabeth L	Montgomery
MANZ, MD, Donald J	Montgomery			MCANENY, MD, John B	Cambria	MCGEE, MD, W Ralston	Fayette
MANZELLA, MD, John P	York			MCANENY, MD, James L	Cambria	MCGEEHAN, MD, John F	Lackawanna
MANZETTI, MD, Gene W	Allaghy	MARTINI, MD, Enrico T	Lancaster	MCCARDLE, MD, Gilbert C	Adams	MCGEEHAN, MD, John T	Elk Camaron
MAPP, MD, Esmond M	Philadelphia	MARTINI, MD, Victor S	Erie	MCCARDLE, MD, M Jacquelyn	Adams	MCGEHEE, MD, Daniel	Vanango
MAQUERA, MD, Andres G	Lehigh	MARTONE, MD, Christina	Allaghy	MCCALIFFE, MD, Thomas C	Philadelphia	MCGEHEE, MD, Edward H	Philadelphia
MARAMBA, MD, Manohar R	Feyella	MARTONE, MD, Louis H	Allaghy	MCAVOY, MD, William B	Allaghy	MCGEORGE, MD, Francis R	Allaghy
MARASCO JR, MD, Joseph A	Allaghy	MARTSOLF, MD, John	Baavar	MCCBRIDE, MD, James G	Tioge	MCGINLEY, MD, George W	Lahigh
MARATTA, MD, Jan W	Allaghy	MARTSOLF, MD, Robert H	Mercer	MCCABE, MD, John S	Washington	MCGINNIS, MD, John C	Washington
MARAVALLI, MD, Camilla J	Cambria	MARTUCCI, MD, John J	Monroe	MCCADDEN, MD, Joseph A	Dalawara	MCGLAMERY, MD, Muriel E	Philadelphia
MARBACH, MD, A Herbert	Philadelphia	MARTUCCI, MD, William J	Montour	MCCAFFERTY, MD, John P	Dalawara	MCGLYNN JR, MD, Thomas J	Montgomery
MARCELLA, MD, Lawrence C	Lawrence	MARTYAK, DO, Gebrial G	Luzarne	MCCAGUE, MD, James J	Philadelphia	MCGORRY, DO, Dennis M	Dauphin
MARCH, MD, Herman C	Montgomery	MARTYAK, MD, Emil T	Luzarne	MCCAGUE, MD, Nad J	Allaghy	MCGOWAN, MD, John P	Lahigh
MARCH, MD, Noreen M	Delawara	MARTYAK, MD, Gebriel S	Luzarne	MCCAHAN, MD, Wasley F	Badford	MCGOWAN, MD, John P	Lackawanna
MARCHANT, MD, Delorast W	Delawara	MARTYAK, MD, Nicholas A	Luzarne	MCCALL, MD, William M	Dauphin	MCGRATH, DO, William J	Westmoreland
MARCHONIS, MD, Joseph T	Schuylkill	MARTYAK, MD, Lois J	Philadelphia	MCCALLUM, MD, John D	Bradford	MCGRATH, MD, Edmund W	Luzarne
MARCONIS, MD, Cecilia S	Philadelphia	MARTZ, MD, Mark N	Lehigh	MCCANDLESS, MD, David P	Vanango	MCGRATH, MD, Joseph M	Dauphin
MARCOVITZ, MD, Eli	Philadelphia	MARTZLUF, MD, Douglas R	Franklin	MCCANDLESS, MD, Garrett C	Vanango	MCGRAW JR, MD, John J	Bucks
MARCUS, MD, Florence L	Allaghy	MARVI, MD, Davoud	Lahigh	MCCANDLESS, MD, Pauline W	Vanango	MCGRAW, MD, James J	Wayna-Pika
MARCUS, MD, Gary J	Baavar	MARVIN, MD, Robert F	Delawara	MCCANDLESS, MD, Warren J	Vanango	MCGRAW, MD, Thomas E	Philadelphia
MARCUS, MD, Jarome I	Berks	MARWAHA, MD, Aeha	Butler	MCCANN, MD, William D	Lancaster	MCGREEVEY, MD, John R	Philadelphia
MARCY, MD, Joseph H	Allaghy	MARX, MD, Marvin H	Montgomery	MCCARRELL, MD, John K	Washington	MCGREEVEY, MD, James M	Allaghy
MARDEN, MD, Philip A	Philadelphia	MASANKAY, MD, Manuel G	Lackawanna	MCCARRON, MD, Daniel J	Philadelphia	MCGRUDER, MD, Ewart G	Philadelphia
MARFATIA, MD, Sudhir K	Bucks	MASCALI, MD, Angelo A	Luzarne	MCCARTER, MD, Samuel B	Venengo	MCGUIGAN, MD, Thomas M	Philadelphia
MARFATIA, MD, Usha S	Bucks	MASCIOTRA, MD, Nicholas J	Cambria	MCCARTHY JR, MD, Harry R	Philadelphia	MCGUIRE, MD, Edward J	Lackawanna
MARGARIDA, MD, Leopoldo E	Montgomery	MASLAND, MD, David S	Cumbarland	MCCARTHY, MD, Edward L	Washington	MCGUIRE, MD, Francis E	Baavar
MARGATE, MD, Pedro R	Philadelphia	MASLOFF, MD, Melvin L	Philadelphia	MCCARTNEY, MD, Ronald L	Washington	MCGUIRE, MD, Richard J	Cantra
MARGIE JR, MD, Walter E	Northampton	MASON, MD, Bernard A	Philadelphia	MCCARTNEY, DO, Floyd C	Erie	MCHENRY, MD, Deermood J	York
MARGOLIS, MD, Louis	Philadelphia	MASDN, MD, Charles E	Vanango	MCCAULEY, MD, Francis P	Bucks	MCHENRY, MD, Thomas	Allaghy
MARGOLIS, MD, M Prica	Philadelphia	MASDN, MD, Daniel	Philadelphia	MCCAULEY, MD, William C	Lycoming	MCHUGH, MD, Elmar F	Allaghy
MARGOLIS, MD, Bernard	Chester	MASDN, MD, Howard M	Philadelphia	MCCHESEY JR, MD, Charles T	Chastar	MCHUGH, MD, Richard D	Allaghy
MARGOLIS, MD, Bernard M	Philadelphia	MASS, MD, Burton	Philadelphia	MCCLEIN JR, MD, Edward J	Allaghy	MCHUGH, MD, Thomas F	Lackawanna
MARGOLIS, MD, Bernard M	Dauphin	MASSANISO, MD, Frank P	Philadelphia	MCCLEIN JR, MD, Fred H	Huntingdon	MCHUG, MD, Paul W	Bucke
MARGOLIS, MD, Harry M	Allaghy	MASSENAGLE, MD, Alexander T	Barks	MCCLEIN, MD, Charles B	Mifflin-Juniata	MCHUG, MD, Robert D	Dauphin
MARGOLIS, MD, Stephen H	Philadelphia	MASSEY, MD, Gordon J	Erie	MCCLELLAN, MD, R Michael	Dalawara	MCHUG, MD, Roy A	Vanango
MARGUGLIO, DO, A Eugene	Clarion	MAST, MD, Clarence M	Wyoming	MCCLELLAN, MD, William A	Allaghy	MCKEATING, MD, Philip J	Allaghy
MARGULIES, MD, Milton	Lancester	MAST, MD, Truman E	Lancester	MCCLELLAN, MD, Herbert C	Allaghy	MCKEE, MD, Claude W	Allaghy
MARGULIES, MD, Joseph C	Allaghy	MASTANDREA, MD, Carl A	Allaghy	MCCLELLAN, MD, James H	Vanango	MCKEE, MD, Edward T	Delawara
MARHEFKA JR, MD, Joseph C	Northampton	MASTERS, MD, Raymond E	Allaghy	MCCLELLAN, MD, J Everett	Allaghy	MCKEE, MD, Michael B	Lancaster
MARIMAYANS, MD, Juan B	Cambria	MASTERS, MD, Ruth S	Allaghy	MCCLENAHAN, MD, John L	Philadelphia	MCKEE, MD, Robert E	Butler
MARIANO JR, MD, Tomas A	Lycoming	MASTRANGELO, MD, Micheal J	Philadelphia	MCCLENAHAN, MD, William U	Philadelphia	MCKEE, MD, Wayne D	Somerset
MARINO, MD, Daniel J	Dalawara	MASTRIANO, MD, Anthony S	Lawrance	MCCLENAHAN, MD, James E	Adams	MCKELVEY JR, MD, Paul G	Westmoreland
MARINO, MD, Frederick E	Beaver	MASTROIANI, MD, Luigi	Philadelphia	MCCLEINTIC, DO, William R	Bradford	MCKENNA, MD, Marc W	Montgomery
MARINO, MD, Joseph N	Leckawanna	MASTROPIETRO, MD, Nunzio A	Lancaster	MCCLEINTOCK, MD, W Craigton	Allegheny	MCKENNA, MD, Richard	Allaghy
MARION, MD, Roy H	Baavar	MATEER, MD, Eugene H	Philadelphia	MCCLOSKEY, MD, Sr Ann	Philadelphia	MCKENNA, MD, Thomas J	Cambria
MARIS, MD, Elizabeth P	Philadelphia	MATEER, MD, Frank M	Allegheny	MCCLOSKEY, MD, George A	Beaver	MCKENZIE, MD, James G	Franklin
MARKE, MD, George E	Chester	MATHAI, MD, John	York	MCCLOSKEY, MD, Joseph F	Philadelphia	MCKENZIE, MD, Ray	Allaghy
MARK, MD, William S	Susquehanna	MATHEW, MD, Thomas K	Erie	MCCLOSKEY, MD, Richard C	Allaghy	MCKEOWN JR, MD, John J	Philadelphia
MARKARIAN, MD, Michael	Philadelphia	MATHEWS JR, MD, Nalison M	Montgomery	MCCLOSKEY, MD, Richard V	Philadelphia	MCKEOWN, MD, Henry G	Clinton
MARKIND, MD, Simon	Philadelphia	MATHEWS, MD, Robert S	Lancaster	MCCLOWRY, MD, James T	Allegheny	MCKINLEY, MD, Erin A	Washington
MARKLEY, MD, George M	Dauphin	MATHIAS, MD, Norbart P	Adams	MCCLOY, MD, Merritt J	Westmoreland	MCKINLEY, MD, Richard G	Cambria
MARKLEY, MD, Ralph	Lewrance	MATHUR, MD, Dinash P	Cambria	MCCLOY, MD, Larry S	Westmoreland	MCKINLEY, MD, William M	Clarion
MARKMANN, MD, William J	Philadelphia	MATHUR, MD, Kailesh N	Schuylkill	MCCLURE, MD, Carroll R	Chester	MCKINLEY, MD, Wayne S	Jaffareon
MARNOFF, MD, Joseph I	Philadelphia	MATLIN, MD, Robert A	Lancaster	MCCLURE, MD, Dorothae F	Clearfield	MCKINNEY, MD, Henry D	Blair
MARROW, MD, Harry G	Philadelphia	MATSKO, MD, Janina A	Philadelphia	MCCLURE, MD, Thomas D	Westmoreland	MCKINNEY, MD, William L	Berks
MARKS, MD, Fred S	Allaghy	MATSKO, MD, Michele E	Luzerne	MCCCLUSKY, MD, Robert C	Venengo	MCKNIGHT, MD, Lencese	Delawara
MARKS, MD, Gerald	Philadelphia	MATSKO, MD, Stephen E	Luzerne	MCCOLLUM, MD, George R	Allegheny	MCLAMB, MD, Jamee R	Crawford
MARKS, MD, Meyer A	Philadelphia	MATSUMOTO, MD, Teruo	Philadelphia	MCCOMBS, MD, Peter R	Philadelphia	MCLAREN JR, MD, Harold J	Erie
MARKS, MD, Pauline C	Allegheny	MATTA, MD, Isaac I	Bradford	MCCOMBS, MD, Ray D	Erie	MCLAUGHLIN, DO, John P	Dauphin
MARKS, MD, Stanley M	Allegheny	MATTA-ARMANICO, MD, Shoukry	Lawrence	MCCONAGHIE, MD, Robert J	Cumbarland	MCLAUGHLIN JR, MD, Guy W	Philadelphia
MARSON, MD, Victor I	Baavar	MATTAS, MD, Oliver E	Blair	MCCONAHY, MD, John G	Lewrance	MCLAUGHLIN, MD, Edward	Delawara
MARSON, MD, Bertrand J	Allaghy	MATTEI, MD, Frenk A	Philadelphia	MCCONNEL JR, MD, Charles S	Lehigh	MCLAUGHLIN, MD, Edward D	Philadelphia
MARLOWE, MD, Frenk I	Philadelphia	MATTEUCCI, MD, Welter V	Philadelphia	MCCONNEL, MD, Charles S	Beaver	MCLAUGHLIN, MD, Frank W	Lancaster
MARLOWE, MD, Earl C	Philadelphia	MATTHEWS, MD, George R	Berks	MCCONNELL JR, MD, David M	Allegheny	MCLAUGHLIN, MD, George E	Philadelphia
MARMO, MD, Theodore	Lackawanna	MATTHEWS, MD, Joel H	Lancester	MCCONNELL, MD, Edward L	Philadelphia	MCLAUGHLIN, MD, John J	Delawara
MARNATTI, MD, Carl T	Allaghy	MATTHEWS, MD, Ronald J	Montgomery	MCCONNELL, MD, Rebecca B	Allegheny	MCLAUGHLIN, MD, James S	Philadelphia
MARNO, MD, John J	Montgomery	MATULEWSKI, MD, Thomas J	Philadelphia	MCCONVILLE, MD, John H	York	MCLAUGHLIN, MD, Janita S	Franklin
MARONE, MD, Philip J	Philadelphia	MATUNIS, MD, Joseph J	Parry	MCCORMICK, MD, Alaxander R	Allegheny	MCLAUGHLIN, MD, James T	Allaghy
MARON, MD, Joseph C	Allegheny	MATUS, MD, Joseph P	Philadelphia	MCCORMICK, MD, George M	Centre	MCLAUGHLIN, MD, Thomas F	Schuylkill
MAROUN, MD, William J	Carbon	MATUS, MD, Nancy R	Northampton	MCCORMICK, MD, John L	Centre	MCLAUGHLIN, MD, Thomas W	Schuylkill
MARQUEZ, MD, P Altonso	Allegheny	MATYOSKA, DO, Joseph W	Allegheny	MCCORMICK, MD, John V	Philadelphia	MCLAUGHLIN, MD, William B	Allegheny
MARRANGONI, MD, Albert G	Allegheny	MATZELLE, MD, Donald W	Franklin	MCCORMICK, MD, Lea H	Montour	MCLEAN, MD, Jamee J	Berks
MARRONE, MD, Michael S	Lebanon	MAURER, MD, Carol N	Venengo	MCCORMICK, MD, Mark W	Allegheny	MCELLAN JR, MD, Thomas G	Fayette
MARRONE, MD, Ralph T	Montgomery	MAURER, MD, Roger E	Schuylkill	MCCORMICK, MD, Richard H	Westmoreland	MCEOD, MD, Roderick R	Armstrong
MARRYSHOW, MD, Basil A	Allegheny	MAURIELLO, DO, Cherlee A	Philadelphia	MCCORRY, MD, Robert C	Allegheny	MCLIN, MD, Leon N	York
MARSDEN, MD, Wilson C	Luzarne	MAURIELLO II, MD, Alfrad J	Chastar	MCCOY III, MD, William H	Butler	MCLINN, MD, Samuel E	Dauphin
MARSH, MD, Carol L	Erie	MAURIELLO, MD, Nicholas D	Philadelphia	MCCOY JR, MD, George W	Allegheny	MCLONE, MD, John C	Montgomery
MARSH, MD, Robert J	Westmoreland	MAUST, MD, Paul E	Butler	MCCOY, MD, Orlo G	Northampton	MCMAHAN, MD, Joseph N	Washington
MARSH, MD, William E	Erie	MAXIN, MD, Charles W	Centre	MCCOY, MD, Thomas D	Bradford	MCMAHAN JR, MD, Joseph F	Northampton
MARSHALL, DO, Lonnie L	Centre	MAXWELL JR, MD, Robert A	Montgomery	MCCRACKEN, MD, Stewart	Allegheny	MCMAHAN, MD, Edward P	Mercer
MARSHALL JR, MD, George D	Philadelphia	MAXWELL, MD, Doris B	Westmoreland	MCCRAE, MD, Charles R	Philadelphia	MCMAHAN, MD, William J	Washington
MARSHALL JR, MD, Matthew	Allegheny	MAXWELL, MD, Emilie L	Montgomery	MCCREA, MD, Lowrain E	Berke	MCMASER, MD, Gilbert B	Washington
MARSHALL, MD, David S	Schuylkill	MAXWELL, MD, Ned G	Allegheny	MCCREARY 3RD, MD, Thomas W	Philadelphia	MCMASER, MD, James H	Allegheny
MARSHALL, MD, E Wayne	Philadelphia	MAY, MD, John C	Lancaster	MCCUNE, MD, Quay A	Beaver	MCMILLAN, MD, James L	Allegheny
MARSHALL, MD, Helen L	Schuylkill	MAY, MD, John J	Montour	MCCURDY, MD, Dino E	Warren	MCMILLAN, MD, James E	Allegheny
MARSHALL, MD, John E	Berks	MAY, MD, Mark M	Allegheny	MCCURDY, MD, Richard R	Philadelphia	MCMILLAN, MD, William B	Allaghy
MARSHALL, MD, Jack H	Erie	MAY, MD, Robert E	Philadelphia	MCCUTCHEON, MD, Cherlee T	Delawara	MCMILLAN, MD, James I	Dauphin
MARSHALL, MD, Jana M	Venango	MAYBERRY, DO, Joseph J	Lancaster	MCDANIEL JR, MD, Everett S	Philadelphia	MCMONAGLE, MD, Carey L	Fayette
MARSHALL, MD, John S	Beaver	MAYER, MD, Bernard W	Montgomery	MCDERMOTT, MD, John R	Philadelphia		
MARSHALL, MD, Thomas E	Montgomery	MAYER, MD, Donald F	Montgomery				
MARSHALL, MD, William C	Allegheny						

MCMURRAY, MD, Henry A	Wastmoreland	MERKLE, MD, Larry N	Lahigh	MILLER, MD, Gerald E	Lancaster	MOFFITT, MD, Vincant J	Berks
MCNALLY, MD, Fred G	Montour	MERKLE, MD, Ralph F	Lehigh	MILLER, MD, Gladys M	Philadelphia	MOFFSES, MD, Garabed H	Philadelphia
MCNALL, MD, Paarl G	Allegheny	MERLI, MD, Geno J	Philadelphia	MILLER, MD, Herman	Delaware	MOGHADAM, MD, Abdol-Nabi	Philadelphia
MCNAMARA, MD, Marian F	Philadelphia	MERLIN, MD, Albert A	Philadelphia	MILLER, MD, Howard A	Philadelphia	MOGHADAM, MD, Eileen S	Philadelphia
MCNAMEE, MD, William B	Delaware	MERMELSTEIN, MD, Howard A	Allegheny	MILLER, MD, Harbart D	Allegheny	MOGIL, MD, Robert A	Philadelphia
MCNAUGHER, MD, William M	Allegheny	MERMELSTEIN, MD, Milton	Allegheny	MILLER, MD, Harry I	Allegheny	MOHAMEDALI, MD, Abul-Kassim	Lackawanna
MCNEAL, DO, William C	Clarion	MEROLA, MD, Joseph C	Northampton	MILLER, MD, Hugh M	Philadelphia	MOHAN, MD, Krishna K	Philadelphia
MCNEAL, MD, Samuel W	Lancaster	MERRIMAN, MD, W. Clair	Baaver	MILLER, MD, Hany N	Berks	MOHIUDDIN, MD, Mohammed	Philadelphia
MCNEIL-JACOBI, MD, Athole G	Philadelphia	MERSKI, MD, Anthony T	Erie	MILLER, MD, Joroma	Philadelphia	MOHUDDIN, MD, Mohammed A	Philadelphia
MCNEILL JR, MD, Robert J	Philadelphia	MERSKY, MD, Martin R	Chester	MILLER, MD, Joseph A	Lehigh	MOHLER, MD, J. Harold	Lancaster
MCNEILL, MD, Donald B	Erie	MERSKY, MD, Stavan A	Philadelphia	MILLER, MD, Jay B	Barks	MOHN, MD, Kimball W	Allegheny
MCNELLIS, MD, Donald R	Northampton	MERSON, MD, Erich R	Chester	MILLER, MD, James E	Cambria	MOHYUDDIN, MD, Moiz	Monroe
MCNETT, MD, Dale L	Warren	MERZI, MD, Allan J	Washington	MILLER, MD, Josaph J	Franklin	MOKYCHIC, MD, Walter E	Luzarna
MCNICHOLAS, MD, Edward M	Montgomery	MESETE, MD, A Francis	Philadelphia	MILLER, MD, John L	Marcar	MOLCHANY, MD, Ernest P	Butler
MCNUTT, MD, Frank H	Armstrong	MESHKOV, MD, Arnold B	Philadelphia	MILLER, MD, James M	Susquahanna	MOLDOSKY, MD, Philip J	Philadelphia
MCPEARLAND, MD, John J	Mercer	MESMER, MD, Rogar E	Warren	MILLER, MD, Jamas R	York	MOLINA, MD, Leticia K	Philadelphia
MCPEAK, MD, Vincent J	Philadelphia	MESSNER, MD, Jean T	Dauphin	MILLER, MD, Kanneth F	Allegheny	MOLINA, MD, Ramon B	Monroe
MCQUADE, MD, James H	Allegheny	MESSNER, MD, Kannath H	Lancaster	MILLER, MD, Laon	Montgomery	MOLINARO JR, MD, Anthony D	York
MCSHANE, MD, James R	Barks	MESSORI, MD, Divo A	Philadelphia	MILLER, MD, Lee C	Dauphin	MOLL, MD, David C	Bucks
MCSHERRY, MD, Robert T	Philadelphia	META, MD, Louis D	Allegheny	MILLER, MD, Leonard D	Philadelphia	MOLL, MD, George A	Philadelphia
MCSTEEN, MD, Arthur J	Westmoreland	METTLER, MD, Dallas E	Montgomery	MILLER, MD, Malcolm W	Philadelphia	MOLL, MD, Thomas B	Berks
MCSTRAVOG, MD, Lawrence J	Philadelphia	METZ, MD, Walter A	Allegheny	MILLER, MD, Marlyn W	Blair	MOLLER, MD, Gaorga A	Clinton
MCSTAMMY, MD, J. Robert	Barks	METZGAR, MD, Marshall R	Monroe	MILLER, MD, Oliver F	Montour	MOLLOCK, MD, James A	Montgomery
MCVAY, MD, William J	Allegheny	METZGAR, MD, Thomas I	Monroe	MILLER, MD, Parry J	Lancaster	MOLONEY, MD, Josaph D	Dauphin
MCWHIRTER, MD, William R	Marcar	METZGER, MD, Charles W	Allegheny	MILLER, MD, Roland E	Erie	MONAHAN, MD, John J	Erie
MEAD, MD, Robert M	Erie	METZGER, MD, Paul A	Philadelphia	MILLER, MD, Richard E	Schuylkill	MONARDO, MD, Altrad	Allegheny
MEADOWCROFT, MD, James A	Montgomery	METZGER, MD, Paul C	Lackawanna	MILLER, MD, Richard H	Montgomery	MONASTERIO, MD, Jose R	Chester
MEANOR JR, MD, Harold H	Allegheny	METZGER, MD, Paul D	Lackawanna	MILLER, MD, Richard H	Allegheny	MONCREF, MD, Richard D	Lancaster
MEARS, MD, Elmer E	Bucks	METZGER, MD, Tom B	Lancaster	MILLER, MD, Richard J	Dauphin	MONDALA-OCBO, MD, Elisa V	Berks
MEARS, MD, Virginia G	Lancaster	MEYER JR, MD, Maurica M	Lebanon	MILLER, MD, Ralph J	Indiana	MONDEJAR, MD, Magdalena D	Adams
MEBANE III, MD, Tom S	Centre	MEYER, MD, Arthur N	Luzarna	MILLER, MD, Samuel G	Allegheny	MONDINO, MD, Bartly J	Allegheny
MEBANE, MD, Tom S	Centre	MEYER, MD, Kenneth K	Bradford	MILLER, MD, Staphan J	Allegheny	MONDZELEWSKI, MD, James P	Allegheny
MECCA, MD, Donato D	Lackawanna	MEYER, MD, Thomas L	Montgomery	MILLER, MD, T. Grier	Philadelphia	MONHEIT, MD, Richard S	Philadelphia
MECCA, MD, John J	Lehigh	MEYERS, MD, Allan F	Elk-Cameron	MILLER, MD, Thomas L	Lancaster	MONK, MD, John S	York
MECHANICK, MD, Philip G	Philadelphia	MEYERS, MD, John L	Barks	MILLER, MD, Warran A	Northampton	MONKOWSKI, MD, Alfrad M	Bucks
MEDDEN, MD, Edwin J	Mckean	MEYERS, MD, Paul T	Cambria	MILLER, MD, William B	Allegheny	MONROE, MD, Robert W	Marcar
MEDIANO, MD, Wiltredo M	Philadelphia	MEYERS, MD, Robert W	Philadelphia	MILLER, MD, William H	Allegheny	MONSAERT, MD, Ronald P	Montour
MEDINA, MD, Jocelyne L	Allegheny	MEYERS, MD, S. Benjamin	Cambria	MILLER, MD, Wallace T	Philadelphia	MONSOUR, MD, Roy C	Westmoreland
MEDINA, MD, Rodrigo D	Carbon	MEZZANOTTE, MD, John J	Philadelphia	MILLIGAN, MD, Robert S	Allegheny	MONSOUR, MD, Roy E	Adams
MEDINA, MD, Roldan G	Fayette	MIANO, MD, Lidia	Beaver	MILLINER, MD, David H	Delaware	MONSOUR, MD, Robert G	Westmoreland
MEDINGER, MD, Fred G	Philadelphia	MICEK, MD, Edward W	Philadelphia	MILLS JR, MD, Lewis C	Philadelphia	MONSOUR, MD, William J	Westmoreland
MEDLEN, MD, Rudolph E	Fayette	MICELI, MD, Silvio	Philadelphia	MILLS, MD, John W	Indiana	MONTAGUE, MD, James W	Lycoming
MEDOFF, MD, Joheph	Philadelphia	MICHAELS, MD, Barnard I	Allegheny	MILLS, MD, M. Duane	Dauphin	MONTALBO, MD, Antonio A	Centre
MEDVENE, MD, Morton M	Philadelphia	MICHAELS, MD, Mika	Montgomery	MILLS, MD, William L	Bucks	MONTALBO, MD, Serafin A	Westmoreland
MEDWAY, MD, Marc J	Montgomery	MICHAELS, MD, Milton M	Allegheny	MILLO, MD, Richard A	Allegheny	MONTANER, MD, Carman G	Lehigh
MEDWICK, MD, Joseph X	Lancaster	MICHAELS, MD, Robert M	Bradford	MILON, MD, Charles F	Philadelphia	MONTANEZ, MD, Jaima A	Blair
MEEHAN, MD, John J	Philadelphia	MICHAELSON, MD, Carolyn Z	Philadelphia	MILROTH, MD, William L	Franklin	MONTEITH JR, MD, William E	Bucks
MEHARG JR, MD, John G	Barks	MICHAELSON, MD, Michael G	Philadelphia	MILSOVIC, MD, Robert C	Vanango	MONTELEONE, MD, Paul N	Cambria
MEHDI, MD, Iftikhar J	Adams	MICHAELSON, MD, Robert L	Montgomery	MILSTEIN, MD, David	Philadelphia	MONTELLA, MD, Kamala	Montgomery
MEHOK, MD, Ronald G	Allegheny	MICHAELSON, MD, Thomas C	Chaster	MILSTEIN, MD, Saymour W	Delaware	MONTELLO, MD, Joan M	Cumberland
MEHOLCHICK, MD, Jean Marie	Luzerne	MICHAELSON, MD, Sohair S	Philadelphia	MIN, MD, Henry M	Elk-Cameron	MONTE, MD, Manuel Y	Carbon
MEHTA, MD, Harshad	Allegheny	MICHAILE, MD, Kenneth I	Philadelphia	MIN, MD, Tae C	Baaver	MONTGOMERY JR, MD, George A	Somerset
MEHTA, MD, Manilal B	Bucks	MICHAUD, MD, Timothy J	Philadelphia	MINARD, MD, William D	Montgomery	MONTGOMERY, MD, Brucia B	Philadelphia
MEHTA, MD, Pankaj	Lycoming	MICHAUD, MD, Joseph E	Cambria	MINDE, MD, Eric J	Allegheny	MONTGOMERY, MD, Charles C	Luzerne
MEHTA, MD, Sunil K	Mercer	MICHEL, MD, Elliot M	Allegheny	MINDE, MD, Norman	Allegheny	MONTGOMERY, MD, Ernest J	Armstrong
MEHTA, MD, Smita M	Philadelphia	MICHEL, MD, John P	Beaver	MINEHART, MD, Charles R	Berks	MONTGOMERY, MD, Edward S	Allegheny
MEHTA, MD, Tushar B	Philadelphia	MICHIE, MD, Alexander J	Monroe	MINEHART, MD, John R	Philadelphia	MONTGOMERY, MD, Hugh B	Philadelphia
MEHTA, MD, Yogin P	Allegheny	MICHIE, MD, Catharine R	Monroe	MINEO, MD, Cyrus L	Chester	MONTGOMERY, MD, John B	Philadelphia
MEHTA, MD, Yogini R	Allegheny	MIDDLEMAN, MD, Rose R	Allegheny	MINERVA, MD, Felicissima B	Philadelphia	MONTGOMERY, MD, Mark R	Fayette
MEIER, MD, Louis A	Montgomery	MIDDLETON, MD, Donald B	Allegheny	MINERVA, MD, Justino G	Montgomery	MONTGOMERY, MD, Thaddeus L	Philadelphia
MEIKLE, MD, Charles E	Bradford	MIDGLEY, MD, Patar M	Franklin	MINES, MD, Samuel C	Allegheny	MONTROSS, MD, Eilaan T	Lehigh
MEINDL, MD, Gaorga T	Washington	MIDDLER, MD, Laon M	Dalawara	MINIELLY, MD, Richard W	Bradford	MONYAK, MD, John G	Beaver
MEISER, MD, Edgar W	Lancaster	MIGDOW, MD, Jeffrey A	Schuylkill	MINN, MD, Fredrick L	Montgomery	MOODY, MD, Robert A	Bradford
MEISNER, MD, Marvin H	Blair	MIGLIORATO, MD, Jaan K	Allegheny	MINNER, MD, Roger J	Lahigh	MOON, MD, Sung B	Westmoreland
MEISTER, MD, Donald G	Allegheny	MIGLIORE, MD, Josaph J	Lycoming	MINNICH, MD, Philip H	York	MOONDA, MD, Gulamhusan	Mercer
MELDRUM, MD, Robert W	Columbia	MIHALICK, MD, Peter J	Cambria	MINNO, MD, Alaxandar M	Allegheny	MOONEY, MD, Benjamin R	York
MELE, MD, Frank E	Philadelphia	MIHELIC, MD, Nicholas E	Huntingdon	MINORA, MD, Michael A	Lackawanna	MOONEY, MD, William E	Allegheny
MELLINGER, MD, Richard W	Lancaster	MIKA, MD, John J	Schuylkill	MINSEK, MD, Robert C	Labanon	MOORE JR, MD, John H	Philadelphia
MELLON JR, MD, Lawrence J	Delaware	MIKAELIAN, MD, Diran O	Philadelphia	MINTEE, MD, James W	Elk-Cameron	MOORE JR, MD, Samuel R	Philadelphia
MELLON JR, MD, Wilbur S	Allegheny	MIKELBERG, MD, Rosa R	Philadelphia	MINTON, MD, Russell F	Philadelphia	MOORE, MD, Barry B	Dauphin
MELLON, MD, Robert	Berks	MIKESIC, MD, Michael G	Cambria	MIR, MD, David J	Erie	MOORE, MD, Charles C	Allegheny
MELNICK, MD, Brian M	Allegheny	MIKITA, MD, John J	Allegheny	MIRA, MD, Allan J	Cumberland	MOORE, MD, Clarence E	Dauphin
MELNICK, MD, Joseph L	Philadelphia	MIKLOS, MD, Bernard G	Allegheny	MIRA, MD, John F	Cumberland	MOORE, MD, David A	Philadelphia
MELNICOVE, MD, Sidney	Schuylkill	MIKLOS, MD, Michael V	Allegheny	MIRAGLIA, MD, Richard J	Monroe	MOORE, MD, David H	Luzarna
MELROY, MD, M. Joseph	Delaware	MIKOWSKI, MD, I. Edmund	Philadelphia	MIRANDA, MD, Cesar P	Butler	MOORE, MD, Ernest E	Butler
MELOTTI, MD, Peter M	Allegheny	MIKSZEWSKI, MD, Jerold	Dauphin	MIRANDA, MD, Jorga	Lackawanna	MOORE, MD, Frank	Philadelphia
MELOY, MD, John H	Blair	MIKULLA, MD, John M	Allegheny	MIRANDA, MD, Ralph A	Westmoreland	MOORE, MD, George W	Luzarne
MELOY, MD, Thomas R	Huntingdon	MIKUTA, MD, John J	Allegheny	MIRARCHI, MD, Vincenzo	Northumberland	MOORE, MD, Joseph J	Tioga
MELTZ, DO, Richard C	Delaware	MILAI JR, MD, A. Samuel	Allegheny	MIRBACH, MD, Sidney H	Northampton	MOORE, MD, James P	Armstrong
MELTZER, MD, Alan J	Philadelphia	MILANDER, MD, John H	Monroe	MIRZA, MD, Mohammad R	Lycoming	MOORE, MD, John R	Philadelphia
MELTZER, MD, David	Montgomery	MILANI, MD, Frank A	Lackawanna	MISAGE, MD, John R	Allegheny	MOORE, MD, Jay R	Philadelphia
MELTZER, MD, Lawrence E	Philadelphia	MILBURN, MD, Robert E	Allegheny	MISCHLER, MD, Forrast C	Erie	MOORE, MD, Michael F	Montgomery
MELTZER, MD, Michele S	Philadelphia	MILDER, MD, James E	Cambria	MISHEL, MD, Hany S	Montgomery	MOORE, MD, Matthew T	Philadelphia
MEMON, MD, Mohammad K	Westmoreland	MILES, DO, G. Bruce	Northampton	MISHKIN, MD, Mark H	Lehigh	MOORE, MD, Stephen W	Delaware
MENA, MD, Lilia D	Montgomery	MILES, MD, Michael A	Berks	MISHRA, MD, Manorama	Greana	MOORHEAD-LAURENCIN, MD, Helen	Philadelphia
MENAPACE JR, MD, Francis J	Montour	MILFORD, MD, Henry E	Dauphin	MISKINIS, MD, Garaldine L	Philadelphia	MOOTZ, MD, John R	Bradford
MENCHEY, MD, Milton J	York	MILHEIM, MD, Irvina G	Marcar	MISRA, MD, Hari K	Westmoreland	MORACA, MD, John I	Allegheny
MENDELL, MD, Theodore H	Philadelphia	MILICH, MD, Zarko D	Monroe	MISTRY, MD, Chandravadan M	Allegheny	MORAITIS, MD, Constantine Z	Allegheny
MENDELOW, MD, Harvey	Allegheny	MILKE, MD, Danis J	Dauphin	MISZERAK, MD, Janusz	Dauphin	MORALES, MD, Agustín P	Allegheny
MENDELSOHN, MD, Eugene	Philadelphia	MILKS, MD, Carl J	Wayne-Pike	MITAL, MD, Mohan S	Cambria	MORALES, MD, Gladys D	Northampton
MENDELSON, MD, Myer	Barks	MILLER 2ND, MD, Tom R	Cambria	MITAL, MD, Nirmal G	Cambria	MORALES, MD, Josa O	Philadelphia
MENDELSON, MD, S. Robert	Philadelphia	MILLER 3RD, MD, George W	Luzerne	MITCHELL, MD, Clyde P	Allegheny	MORAN JR, MD, John F	Delawara
MENDELSSOHN, MD, Edwin	Allegheny	MILLER, DO, Jerome	Cambria	MITCHELL, MD, Donald D	Montgomery	MORAN JR, MD, Theodore R	Marcar
MENEELY, MD, Altrad W	Dauphin	MILLER, DO, Joel P	Allegheny	MITCHELL, MD, Eric I	Allegheny	MORAN JR, MD, Thomas W	Westmoreland
MENGEL, MD, Charles L	Lehigh	MILLER II, MD, George C	Union	MITCHELL, MD, Fenton M	Allegheny	MORAN, MD, John J	Montour
MENGEL, MD, Roger G	Lycoming	MILLER JR, MD, Clarence M	Allegheny	MITCHELL, MD, Henry	Indiana	MORANI, MD, Alma D	Philadelphia
MENGES JR, MD, Job F	Berks	MILLER JR, MD, John W	Lancaster	MITCHELL, MD, Howard F	Beaver	MORANZ, MD, Joel G	Delaware
MENGES, MD, Charles G	Lebenon	MILLER JR, MD, William B	Dauphin	MITCHELL, MD, Harold L	Allegheny	MORASCO, MD, Edward R	Lackawanna
MENIN, MD, Richard A	Philadelphia	MILLER, MD, Allen C	Philadelphia	MITCHELL, MD, John	Allegheny	MOREL, MD, Donald E	Lehigh
MENIN, MD, William	Philadelphia	MILLER, MD, Armand J	Philadelphia	MITCHELL, MD, John A	Beaver	MORELLI, MD, Anthony R	Warren
MENIO, MD, John N	Philadelphia	MILLER, MD, Alan M	Montgomery	MITCHELL, MD, Michael J	Beever	MORENO, MD, Misael A	Philadelphia
MENKOWITZ, MD, Bruce J	Luzerne	MILLER, MD, Anton M	Schuylkill	MITCHELL, MD, Robert M	Philadelphia	MORENO, MD, Manuel V	Lycoming
MENKOWITZ, MD, Elliot	Montgomery	MILLER, MD, Bernard J	Philadelphia	MITCHELL, MD, William J	Fayette	MORESCHI, MD, Patricia R	Montgomery
MENNEL, MD, John M	Philadelphia	MILLER, MD, C. Eugene	Lancaster	MITCHELL, MD, Paul D	Berks	MORETTO, MD, Joseph L	Lawrence
MENUT, MD, Gerard H	Berks	MILLER, MD, Calvin E	Allegheny	MITRA, MD, Atin K	Erie	MORGAN JR, MD, Vernon W	Lackawanna
MENZEL, MD, Paul H	Allegheny	MILLER, MD, Charles F	Allegheny	MITRE, MD, Ricardo J	Allegheny	MORGAN JR, MD, William R	York
MENZIES JR, MD, William C	Allegheny	MILLER, MD, C. Joseph	Allegheny	MITRO, MD, William	Allegheny	MORGAN, MD, Albert P	Lackawanna
MERANZE, MD, David R	Mercer	MILLER, MD, Claude J	Lebanon	MITTELDORF, MD, Stephen E	Allegheny	MORGAN, MD, Allan V	Allegheny
MERCADO, MD, Modesto G	Philadelphia	MILLER, MD, Carl S	Lebanon	MITTERLING, MD, Robert C	Delaware	MORGAN, MD, Harry E	Delaware
MERCHANT, MD, Ralph P	Lehigh	MILLER, MD, Clarke T	Washington	MITTICA, MD, Nicholas M	Lawrence	MORGAN, MD, Owen K	Cambria
MERCURIO, MD, Edward E	Franklin	MILLER, MD, Charles W	Schuylkill	MIUARA, MD, Karen K	Philadelphia	MORGAN, MD, Paul W	Cambria
MERCURIO, MD, Terese	Erie	MILLER, MD, David	Philadelphia	MLECKO, MD, Lawrence M	Allegheny	MORGAN, MD, Russell E	Northampton
MERENSTEIN, MD, Joel H	Berks	MILLER, MD, David H	Bucks	MOAKEH, MD, Mohamed	Erie	MORGAN, MD, Theodore J	Allegheny
MERING JR, MD, James H	Allegheny	MILLER, MD, David L	Lancaster	MOBERG, MD, F. Barrie	Lancaster	MORGAN, MD, William F	Northampton
MERING, MD, Thomas W	Allegheny	MILLER, MD, Earl R	Schuylkill	MODARRESS, MD, John	Allegheny	MORGANTI, MD, Ray A	Montgomery
MERKEL JR, MD, Richard L	Greene	MILLER, MD, Edwin C	Jefferson	MODESTO, MD, Thomas A	Allegheny	MORGENSTERN, MD, Stephen A	Montgomery
MERKEL, MD, Lois M	Philadelphia	MILLER, MD, Earl R	Allegheny	MODIC, MD, Christopher W	Dauphin	MORI, MD, Gino	Lackawanna
MERKIN, MD, Alvin	Mercer	MILLER, MD, Frederick A	Allegheny	MOFFITT JR, MD, George R	Dauphin	MORI, MD, Hugo	Lackawanna
	Philadelphia	MILLER, MD, Frank L	Montgomery	MOFFITT, MD, H. Fred	Blair		

WORITZ, MD, Mordekhai	Lackawanna	MUNSON, MD, Frederick J	Northampton	NASE, MD, Paul K	Berks	NICHOLS, MD, Trent W	York
WORM, MD, Gustave W	Erie	MUNTEANU, MD, Virgil P	Lancaster	NASE, MD, Paul M	Bucks	NICHOLS, MD, William R	Allegheny
WORMLEY, MD, Robert R	Delaware	MURCEK, MD, Martin A	Westmoreland	NASH, MD, Margeret J	Philadelphia	NICHOLSON JR, MD, Welter J	York
WORMRELS JR, MD, Charles L	York	MURDOCK, MD, Fred E	Jefferson	NASO, MD, Francis	Philadelphia	NICHOLSON, MD, Jesse T	Philadelphia
WORMRELL, DO, Roger W	Cambria	MURDOCK, MD, Morton G	Philadelphia	NASS, MD, Joel	Lehigh	NICHOLSON, MD, Joseph T	Montgomery
WORMS JR, DO, Wilson S	Lebanon	MURDOFF, DO, Robert E	Delaware	NASSAU, DO, Harvey B	Montgomery	NICKENS, MD, Charles G	Allegheny
WORMS, MD, Eleanor G	Somerset	MURPHEY, MD, Henry S	Philadelphia	NASSIRI-RAHIMI, MD, Cyrus	Philadelphia	NICKENS, MD, Oswald J	Allegheny
WORMS, MD, I Paul	Philadelphia	MURPHEY, MD, Sheila A	Philadelphia	NAST, MD, Mex S	Butler	NICKESON, MD, Robert W	Allegheny
WORMS, MD, Jeffrey B	Philadelphia	MURPHEY, MD, Stephen M	Allegheny	NASUTI, MD, Floyd T	Philadelphia	NICKLAS, MD, Donald A	Chester
WORMS, MD, John L	Erie	MURPHY JR, MD, Arthur I	Allegheny	NATALI, MD, Daniel E	Allegheny	NICKLAS, MD, Floyd W	Allegheny
WORMS, MD, Leslie E	Allegheny	MURPHY, MD, Charles C	Allegheny	NATHAN, MD, Robert J	Philadelphia	NICKLAS, MD, Gilbert L	Clinton
WORMS, MD, Richard J	Delaware	MURPHY, MD, Edward J	Philadelphia	NATHANSON, MD, Donald L	Philadelphia	NICKLES, MD, William A	Franklin
WORMS, MD, Robert S	Montgomery	MURPHY, MD, Edith L	Lycoming	NATHANSON, MD, Juliet E	Philadelphia	NICOLAS, MD, Rudy J	Centre
WORMS, MD, Sam E	Allegheny	MURPHY, MD, Francis J	Delaware	NATIVIDAD, MD, Nita C	Montour	NICOLETTE JR, MD, Anthony J	Westmoreland
WORMS, MD, Sheldon L	Delaware	MURPHY, MD, Gregory L	Allegheny	NATOLI, MD, Thomas J	Montgomery	NICOTERO, MD, James A	Allegheny
WORMS, MD, Vernon R	Montgomery	MURPHY, MD, James A	Chester	NAUGLE, MD, Ingrid E	Allegheny	NICU, MD, Nedja L	Philadelphia
WORMS, MD, William J	Allegheny	MURPHY, MD, James H	Clearfield	NAUSS, MD, Thomas J	Luzerne	NIDU, MD, Michael P	Cambria
WORMSON JR, MD, David P	Bucks	MURPHY, MD, John J	Philadelphia	NAVARRO, MD, Roberto N	Franklin	NIEBAUM, MD, Albert H	Berks
WORMSON JR, MD, Ralph W	Cambria	MURPHY, MD, James P	Philadelphia	NAYAK, MD, Nereyen	Mckean	NIEDELMAN, MD, Meyer L	Philadelphia
WORMSON, MD, Archibald	Montgomery	MURPHY, MD, J Thomas	Montgomery	NAYAK, MD, Shobha	Allegheny	NIELAND, MD, Michael L	Allegheny
WORMSON, MD, Alan N	Lehigh	MURPHY, MD, Louis R	Lackawanna	NAYAK, MD, Setish R	Cambria	NIELSEN, MD, R Craig	Lycoming
WORMSON, MD, Carol A	Philadelphia	MURPHY, MD, Mary H	Delaware	NAYAK, MD, Teller N	Allegheny	NIELSEN, MD, Robert K	Lebanon
WORMSON, MD, Charles C	Blair	MURPHY, MD, Michael J	Luzerne	NAZARI, MD, Ahmed	Philadelphia	NIEMEYER, MD, Richard H	Lancaster
WORMSON, MD, Donald E	Dauphin	MURPHY, MD, Richard J	Philadelphia	NAZZARO, MD, Ralph	Venango	NIERLE, MD, Richard H	Lycoming
WORMSON, MD, Joseph F	Luzerne	MURPHY, MD, Scott	Philadelphia	NEAGROY, MD, Daniel R	Erie	NIES, MD, Gerald F	Washington
WORMSON, MD, Marjorie G	Lehigh	MURPHY, MD, Thomas W	Philadelphia	NEAL JR, MD, Henry B	Indiana	NIESEN, MD, Emil T	Wayne-Pike
WORMSON, MD, Samuel S	Montour	MURRAY, MD, George A	Philadelphia	NEAL, MD, Hunter S	Delaware	NIESENBAUM, MD, Leonard	Philadelphia
WORMSISSE JR, MD, E James	Berks	MURRAY, MD, Audrey	Chester	NEAL, MD, Roland A	Allegheny	NIGBOROWICZ, MD, Ronald J	Allegheny
WORMROCCO, MD, John D	Allegheny	MURRAY, MD, Austin P	Philadelphia	NEALE, MD, John M	Indiana	NIKOO, MD, Hoosheng M	Philadelphia
WORMROW, MD, Bert A	Berks	MURRAY, MD, Cerroll A	Jefferson	NEALIS, MD, Henry J	Montgomery	NILES, MD, Robert A	Mckean
WORMROW, MD, Gerald J	Lehigh	MURRAY, MD, John P	Montgomery	NEALON, MD, Gervese F	Westmoreland	NILL, MD, Carl F	Allegheny
WORMROW, MD, Herbert J	Westmoreland	MURRAY, MD, Richard C	Cambria	NEALON, MD, Rite C	Allegheny	NIMOITYN, MD, Benjamin S	Philadelphia
WORMROW, MD, Robert A	Lehigh	MURRAY, MD, Stephen R	Northampton	NEALON, MD, William K	Allegheny	NISENBAUM, MD, Harvey L	Philadelphia
WORMTEL, MD, Rodriguez M	Dauphin	MURRAY, MD, William M	Dauphin	NEDURIAN, MD, Vram S	Philadelphia	NISSELY, MD, Jay M	Union
WORTON JR, MD, William A	Chester	MURTAGH, MD, Frederick	Philadelphia	NEDWICH, MD, Alexander	Lehigh	NISTA, MD, Joseph A	Allegheny
WORTON, MD, John C	Dauphin	MURTHY, MD, M Jeyaahekare	Philadelphia	NEEF, MD, Thomas A	York	NITZBERG, MD, Robert S	Allegheny
WORY, MD, Stephen C	Warren	MURTLAND, MD, Albert M	Bredford	NEFF, MD, Charles A	Allegheny	NIX, MD, Robert D	Allegheny
WOSCATO, MD, Anthony F	Northampton	MUSGRAVE, MD, Rosa H	Allegheny	NEFT, MD, Burton H	Lebanon	NJO, MD, Soen H	Montgomery
WOSCH, MD, George C	Potter	MUSMANNO, MD, Samuel A	Allegheny	NEGLEY JR, MD, John N	Delaware	NOBEL, MD, Golde R	Philadelphia
WOSCH, MD, Herman C	Potter	MUSSELMAN, MD, Clyde V	Lancaster	NEGLEY, MD, John N	Delaware	NOBEL, MD, Helen V	Allegheny
WOSCOSO, MD, Aurelio A	Dauphin	MUSSER JR, MD, Herold E	Somerset	NEIDHARDT, MD, Paul W	Philadelphia	NOBEL, MD, Joel J	Philadelphia
WOSELEY, MD, Russell L	Warren	MUSSER, MD, Benjamin G	Dauphin	NEIFELD, MD, Kenneth A	Philadelphia	NOBLE, MD, Ellenette B	Washington
WOSER, MD, Edward N	Lycoming	MUSSER, MD, William T	Union	NEIGH, MD, John L	Philadelphia	NOBLE, MD, Jeyeseelan	Bucks
WOSER, MD, John C	Berks	MUSSIO, MD, John A	Cambria	NEILSON, MD, Neilon	Philadelphia	NOBLE, MD, Paul H	Philadelphia
WOSER, MD, Menny H	Berks	MUTHVEERAPPAN, MD, Veerappan	Blair	NEILSON, MD, Thomas J	Lancaster	NOCHE, MD, Cesar N	Fayette
WOSSES, MD, James M	Cambria	MYCHAK, MD, Dennis R	Northumberland	NEIMAN, MD, Lee M	Allegheny	NODEN, MD, George T	Allegheny
WOSSES, MD, Melvin L	Philadelphia	MYERS III, MD, Franklin J	Dauphin	NELK, MD, Franklin K	Allegheny	NOE JR, MD, William L	Bucks
WOSKAL, MD, Joseph P	Philadelphia	MYERS JR, MD, Herbert E	Dauphin	NELLAS, MD, Conetentine L	Allegheny	NOLAN JR, MD, Thomas F	Erie
WOSKOVITZ, MD, Morry	Allegheny	MYERS JR, MD, J Martin	Lancaster	NELMS, MD, William F	Northumberland	NOLAN, MD, Sean	Allegheny
WOSKOWITZ, MD, Berry D	Allegheny	MYERS, MD, Abraham	Philadelphia	NELSON JR, MD, Harry M	Montgomery	NOLAND, MD, Robert B	Allegheny
WOSLEY, MD, Merk R	Allegheny	MYERS, MD, Boyd C	Philadelphia	NELSON, MD, Diane F	Philadelphia	NOLLER, MD, William E	Lancaster
WOSS JR, MD, Vessar Y	Allegheny	MYERS, MD, Charles E	Chester	NELSON, MD, Eleanor C	Philadelphia	NON, MD, Diosdado P	Philadelphia
WOSS, MD, Edward R	Philadelphia	MYERS, MD, David	Luzerne	NELSON, MD, Fredric P	Philadelphia	NOONE, MD, James P	Bredford
WOSS, MD, Jonethen D	Greene	MYERS, MD, Donald L	Philadelphia	NELSON, MD, Guy M	Philadelphia	NOONE, MD, J Berrett	Philadelphia
WOSS, MD, Norman H	Philadelphia	MYERS, MD, Eugene N	Allegheny	NELSON, MD, Lyle M	Allegheny	NORATO, MD, Joseph F	Dauphin
WOTLEY, MD, John F	Montgomery	MYERS, MD, Frederick B	Luzerne	NELSON, MD, Mortimer T	Bucks	NORD, MD, Roland E	Lawrence
WOURY, MD, Nelson F	Montgomery	MYERS, MD, Gilbert B	Dauphin	NELSON, MD, Nicholes M	Dauphin	NORDBERG JR, MD, Robert E	Cambria
WOUSSA, MD, Mohamed	Blair	MYERS, MD, Gordon D	Allegheny	NELSON, MD, Paul B	Allegheny	NORDENBERG, MD, Aaron	Dauphin
WOUTSOS, MD, Spero E	Crawford	MYERS, MD, Paul R	Elk-Cameron	NELSON, MD, Philip K	Lycoming	NORDSTROM, MD, Chester A	Venango
WOWAD, MD, Joseph J	Montour	MYSTLEWSKI, MD, Welter J	Westmoreland	NELSON, MD, Theodore C	Philadelphia	NORK, MD, Edward P	Luzerne
WOYER, MD, Dwight L	Philadelphia	MYSTAKAS, MD, Fotia G	Lebanon	NEMANI, MD, Pendharinath,	Westington	NORMINGTON II, MD, Ernest Y	Lehigh
WOYER, MD, Dennis L	Bucks			NEMEC, MD, John E	Westmoreland	NORRIS, MD, Charles M	Philadelphia
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PERSHING, MD, Hugh S	Bucks	PIROCH, MD, Joseph G	Crawford	POST, MD, Jarvis H	Cambria	PURNER JR, DO, William M	Delaware
PERSING JR, MD, Harry M	Blair	PIROLLI, MD, Duilio D	Beaver	POST, MD, Robert M	Lehigh	PURPURA, MD, Thomas R	Allegheny
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PERSING, MD, Kathryn C	Philadelphia	PIRRIS, MD, John	Washington	POTASH, MD, George C	Lebanon	PURVIS JR, MD, Joseph D	Butler
PERSKY, MD, Abram H	Philadelphia	PISANO, MD, Daniel J	Philadelphia	POTE JR, MD, Harry H	Cambria	PUSCHAK, MD, Russell B	Lehigh
PERSON, MD, Morgan D	Lehigh	PISTORIUS, MD, Michael L	Wyoming	POTE, MD, Harry H	Delaware	PUTNAM, MD, George W	Lawrence
PERZLEY, MD, Richard I	Philadelphia	PISULA JR, MD, Vincent P	Adams	POTELUNAS, MD, Clement B	Lackawanna	PUTNAM, MD, Richard C	Philadelphia
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PESSOLANO, MD, Frank J	Allegheny	PITKIN, MD, John T	Mckean	POTKONSKI, MD, Leopold A	Berks	PYTKO, MD, Valentine F	Montour
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PETERNEL, MD, Wayne W	Allegheny	PITT, MD, Leldon P	Philadelphia	POTSIC, MD, William P	Philadelphia		
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PETERS, MD, Charles D	Lehigh	PITTMAN, MD, Thomas A	Allegheny	POTTER JR, MD, Howard P	Chester		
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PETERS, MD, Vaughan	Allegheny	PLASTER, MD, Ernest L	Allegheny	POWELL JR, MD, Oscar M	Allegheny		
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PETERSON JR, MD, Jay B	Westmoreland	PLESSET, MD, Marvin R	Allegheny	POWELL, MD, Philip	Lackawanna		
PETERSON, MD, Arthur L	Montgomery	PLISKIN, MD, Mark	Monroe	POWERS JR, MD, Francis M	Lycoming		
PETERSON, MD, Clifford M	Erie	PLOTKIN, MD, Gary R	Montour	POWERS, MD, Donald V	Delaware		
PETERSON, MD, Donald D	Philadelphia	PLOTNIK, MD, Stanley A	Philadelphia	POZZA, MD, Nicholas J	Venango		
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PETILLA, MD, Mariano D	Allegheny	PLUMMER JR, MD, Robert E	Mifflin-Juniata	PRANKUN, MD, Peter P	Chester		
PETKUS, MD, John A	Wayne-Pike	PLUMMER, MD, Robert A	Cambria	PRASAD, MD, Ajit K	Luzerne		
PETRAGLIA, MD, Angelo A	Allegheny	PLUNDO, DO, Gary P	Westmoreland	PRASAD, MD, Shishir C	Philadelphia		
PETRAGLIA, MD, Paul	Allegheny	PLUNDO, DO, Larry J	Westmoreland	PRASASVINICHAI, MD, Sriprayoon	Chester		
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PETROKUBI, MD, Robert J	Dauphin	POBER, MD, Hymen A	Allegheny	PRATT, MD, Robert S	Lackawanna		
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PETTINATO, MD, Salvatore R	Lackawanna	PODOLSKY, MD, Michael L	Philadelphia	PRELETZ, MD, Rudolph J	Lackawanna		
PETTINELLI, DO, Frank P	Philadelphia	PODOLSKY, MD, William J	Philadelphia	PRELI, MD, Olindo J	York		
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PEZZI, MD, Pio J	Dauphin	POGORZELSKI, MD, George H	Lancaster	PRESCOTT, MD, William D	Bucks		
PEZZUTI, MD, John E	Allegheny	POHL, MD, Charles E	Philadelphia	PRESS JR, MD, Richard A	Delaware		
PF AEFFLE, MD, Hugo H	York	POINSARD, MD, Paul J	Lancaster	PRESS, MD, Arthur J	Allegheny		
PFEFFER, MD, William H	Westmoreland	POKORNEY, MD, Bruce H	Philadelphia	PRESS, MD, Allan J	Chester		
PFEIFER III, MD, William F	Philadelphia	POLAKOFF 2ND, MD, Pedro	Philadelphia	PRESSMAN, MD, Edmund N	Philadelphia		
PFEIFFER, MD, Mildred C	Lycoming	POLAN, MD, Simon	Montgomery	PRESSMAN, MD, Maurie D	Delaware		
PFEL, MD, Russell W	Montgomery	POLANSKY, MD, John B	Luzerne	PRESSMAN, MD, Robert S	Northampton		
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PFIMMER, MD, Wayne J	Venango	POLIDORA, MD, Frank C	Philadelphia	PRESTIFILIPPO, MD, Orazio	Franklin		
PFROMMER, MD, James H	Venango	POLIDORA, MD, Joseph J	Northampton	PRETTER, MD, Paul D	Philadelphia		
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PHADKE, MD, Usha M	Allegheny	POLIN, MD, Joel I	Philadelphia	PREVOST, MD, John V	Lawrence		
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PHELAN, MD, Thomas I	Lehigh	POLINTAN, MD, Rodolfo S	Philadelphia	PRICE, MD, Albert C	Allegheny		
PHELAN, MD, William J	Erie	POLISHOOK, MD, Robert D	Butler	PRICE, MD, Alfred R	Somerset		
PHELPS, MD, William R	Butler	POLIZIO, MD, Anna M	Dauphin	PRICE, MD, Edwin M	Delaware		
PHERSON, MD, William J	Allegheny	POLK, MD, Lewis D	Allegheny	PRICE, MD, H Donald	Bradford		
PHILLIPS III, MD, Chester A	Allegheny	POLK, MD, Miriam R	Blair	PRICE, MD, Joseph J	Cambria		
PHILLIPS JR, MD, C Aiken	Philadelphia	POLLACK, MD, Dorothy J	Philadelphia	PRICE, MD, Joseph W	Philadelphia		
PHILLIPS, MD, David J	Allegheny	POLLACK, MD, David S	Allegheny	PRICE, MD, Karen A	Bradford		
PHILLIPS, MD, Howard T	Allegheny	POLLACK, MD, Howard M	Philadelphia	PRICE, MD, Richard E	Cambria		
PHILLIPS, MD, Jane A	Allegheny	POLLAK, MD, Lewis	Berks	PRICE, MD, Raphael I	Philadelphia		
PHILLIPS, MD, John C	Allegheny	POLLER, MD, William R	Allegheny	PRICE, MD, Richard T	Bucks		
PHILLIPS, MD, John D	Lancaster	POLLICE, MD, Philip G	Allegheny	PRICKETT, MD, John A	Bucks		
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PHILLIPS, MD, Philip	Allegheny	POLLOCK, MD, Joseph J	Centre	PRIN, MD, William A	Adams		
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PHITAYAKORN, MD, Chit	Allegheny	POMERANTZ, MD, Marc B	Allegheny	PRIORE, MD, Robert M	Allegheny		
PHITAYAKORN, MD, Preyarratt	Allegheny	POMERANTZ, MD, Philip A	Berks	PRIORI, MD, Jorge	Montgomery		
PIATNEK-LEUNISSEN, MD, Dorothy A	Delaware	POMEROY, MD, James M	Delaware	PRISTAS, MD, Michael S	Schuylkill		
	Centre	POMMERSHEIM, MD, William J	Lawrence	PRITZ, MD, Pauline	Montgomery		
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PICCIONE, MD, Frank V	Philadelphia	PONGSOMBOON, MD, Chavalit	Crawford	PROMISLOFF, DO, Robert A	Philadelphia		
PICONE, DO, Bruce R	Philadelphia	PONTARELLI, MD, Domenic J	Philadelphia	PROMUBOL, MD, Yuree	Westmoreland		
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PICKERILL, MD, Robert G	Philadelphia	PONTZ, MD, Jack B	Lancaster	PROST, MD, Henry D	Wayne-Pike		
PICKERING, MD, Harold C	Philadelphia	PONTZER, MD, Herbert	Elk-Cameron	PROROR, MD, Joseph J	Lehigh		
PICKERING, MD, John	Philadelphia	POOL, MD, Champe C	Dauphin	PROSERPI, MD, Sergio V	Berks		
PICKLE JR, MD, J Harry	Lancaster	POOLE, MD, Edward F	Bucks	PROSSER, MD, John O	Blair		
PICZON, MD, Oscar Y	Lackawanna	POOLE, MD, Robert	Chester	PROUDFIT, MD, J Paul	Washington		
PICZON, MD, Sevarino Y	Lackawanna	POORE, MD, George C	Potter	PROVENCIO, MD, Florencio	Lebanon		
PIEKARSKI, MD, Joseph W	Luzerne	POORMAN, MD, S Sturgis	Montgomery	PROVOST, MD, George L	Lehigh		
PIERCE, MD, James C	Montour	POPHAL, MD, Mahlon J	Lycoming	PROWELL, MD, Joseph W	Lancaster		
PIERCE, MD, Leslie S	Westmoreland	POPIELARSKI, MD, Joseph T	Montgomery	PRUCHNIC, MD, William F	Cambria		
PIERCE, MD, William S	Dauphin	POPKY, MD, George L	Philadelphia	PRUITT, MD, John D	Montgomery		
PIEROTTI, MD, Richard J	Montgomery	POPOLOW, MD, Michael L	Montgomery	PRUSAKOWSKI, DO, Joseph M	Clerion		
PIERRO, MD, Alfonso L	Philadelphia	POPP, MD, J Lumen	Lawrence	PRUTZMAN, MD, L Donald	Chester		
PIETRAGALLO, MD, Louis D	Allegheny	PORR, MD, George H	Dauphin	PRUZINSKY, MD, Stephen R	Berks		
PIFER, DO, John F	Berks	PORRECA, MD, Eugene G	Philadelphia	PRYOR JR, MD, Charles A	Bucks		
PIFER, MD, Gerald W	Allegheny	PORRECA, MD, George A	Philadelphia	PRYOR, MD, Charles A	Philadelphia		
PIGOSSI, MD, Dante	Allegheny	PORSCHKE, MD, Gladie V	Allegheny	PRYSTOWSKY, MD, Harry	Dauphin		
PIGOZZI, MD, William N	Allegheny	PORTER JR, MD, William F	Lancaster	PUZZI, MD, James E	Philadelphia		
PIKE, MD, Anne H	Philadelphia	PORTER, MD, Edgar L	Chester	PUGLIESE, MD, August A	Armstrong		
PIKAREK, MD, Valentine F	Luzerne	PORTER, MD, Lynne E	Allegheny	PUGLIESE, MD, Joseph F	Luzerne		
PILEWSKI, MD, Robert M	Venango	PORTER, MD, Mary M	Philadelphia	PUGLISI, MD, Anthony S	Philadelphia		
PINCOSFSKY, MD, Deborah A	Luzerne	PORTMAN, MD, Mary A	Allegheny	PUGLISI, MD, Vincent	Philadelphia		
PINCUS, MD, Jack H	Allegheny	PORTNER, MD, Jay H	Philadelphia	PULLEN, MD, Harvey T	Monroe		
PINEDA, MD, Honorio G	Fayette	PORTNER, MD, William J	Philadelphia	PUMA, MD, Samuel J	Luzerne		
PINKERTON, DO, Richard A	Cambria	POSATKO, MD, Peter C	Luzerne	PUNDIAK, MD, Terry J	Northampton		
PINTIMALLI, MD, Joseph T	Philadelphia	POSATKO, MD, Robert J	Philadelphia	PUNIM, MD, Jeffrey A	Philadelphia		

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RAO, MD, B Venkat	Allegheny	REINA, MD, Charles R	Schuylkill	RIDEN, MD, Jay M	Mifflin-Juniata	RODGERS, MD, Joseph F	Philadelphia
RAO, MD, Gutti P	Westmoreland	REINBOLD, MD, Raymond L	Montgomery	RIDGLEY, MD, Frank H	Chester	RODMAN, MD, Theodore	Philadelphia
RAO, MD, Kasuganti V	Allegheny	REINERS, MD, Charles R	Huntingdon	RIDGWAY, MD, William G	Lancaster	RODOLICO, MD, Joseph M	Philadelphia
RAO, MD, Mandiga	Allegheny	REINHARD, MD, Harold J	Warren	RIEDEL, MD, George E	Allegheny	RODRIGUEZ, MD, Adolfo E	Berks
RAO, MD, Madhava S	Lackawanna	REINHARD, MD, Ronald J	York	RIEHS, MD, Jules A	Philadelphia	RODRIGUEZ, MD, Dolores E	Montour
RAO, MD, Ramdev K	Allegheny	REINHARDT, MD, Pauline K	Lehigh	RIEMER, MD, Joseph T	Montgomery	RODRIGUEZ, MD, Edeal A	Northumberland
RAO, MD, Sudhakar V	Bradford	REINHART, MD, John W	Lehigh	RIENZO, MD, Robert J	Allegheny	RODRIGUEZ, MD, Ervin E	Mifflin-Juniata
RAO, MD, T Gopal	Allegheny	REINHART, MD, Raymond B	Bucks	RIES, MD, Anthony N	Philadelphia	RODRIGUEZ, MD, Hugo F	Delaware
RAPHAEL, MD, Paul S	Lehigh	REINMUTH, MD, Oscar M	Allegheny	RIETHMILLER, MD, Grace L	Allegheny	RODRIGUEZ, MD, Julio A	Blair
RAPHAELY, MD, Rusaell C	Philadelphia	REINSEL, MD, Richard C	Berks	RIFE, MD, Charles J	Lancaster	RODRIGUEZ, MD, Rodolfo E	Dauphin
RAPPOPORT, MD, Abraham M	Montgomery	REIS, MD, Claude J	Allegheny	RIFFERT, MD, Paul M	Philadelphia	RODRIGUEZ-BROATCH, MD, Carlos R	Philadelphia
RAPPAPORT, MD, Melvin M	Lehigh	REIS, MD, Paul B	Lycoming	RIGG, MD, L Isobel	Berks	ROE, MD, Eugene J	Lackawanna
RASCOE JR, MD, Robert R	Philadelphia	REIS, MD, Walter J	Allegheny	RIGHTMYER, MD, John N	Vanango	ROE, MD, Hans S	Cumberland
RASHID, MD, Abdul	Schuylkill	REISH, MD, William G	Union	RIGHTOR, MD, John T	Berks	ROE, MD, Jacqueline F	Lancaster
RASHKIS, MD, Harold A	Philadelphia	REISINGER JR, MD, William E	Washington	RIGHTS, MD, Theodore H	Allegheny	ROEDER, MD, Donald K	Cumberland
RASTI, MD, Reza	Allegheny	REITANO JR, MD, Joseph F	Delaware	RIKE, MD, Paul M	Allegheny	ROEDER, MD, Kathleen M	Bucks
RATHGEB, MD, John M	Westmoreland	REITER, MD, David	Philadelphia	RILEY, MD, Bernard J	Philadelphia	ROEDIGER, MD, Paul M	Montgomery
RATKE, MD, Henry V	Lycoming	REITER, MD, Victor E	Philadelphia	RILEY, MD, Cyril A	Warren	ROGALLA, MD, Charles S	Lackawanna
RATNER, MD, Richard R	Delaware	REITSMA, MD, Douglas	Delaware	RILEY, MD, Veryl M	Bucks	ROGERS, MD, George E	Cambria
RAU, MD, Raymond L	Allegheny	REITZ, MD, John D	Beaver	RILLING, MD, David C	Lebanon	ROGERS, MD, Hugh J	Centre
RAU, MD, Ramnath S	Mercer	REITZ, MD, Melvin L	Schuylkill	RIM, MD, Jeung K	Luzerne	ROGERS, MD, James F	Philadelphia
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RAUB, MD, Jeffrey D	Bradford	RELIGIOSO, MD, Eloisa P	Westmoreland	RINALDI, MD, Lucian L	Bedford	ROGERS, MD, Jonathan J	Montgomery
RAUCH, MD, Douglas	Mercer	RELKIN, MD, Richard	Northampton	RINARD, MD, Graftious L	Union	ROGERS, MD, John P	Luzerne
RAUER, MD, Lester	Philadelphia	RELUZ, MD, Javier S	Montgomery	RINCK 2ND, MD, George W	Wyoming	ROGERS, MD, Kenneth D	Allegheny
RAUNIO, MD, Anne M	Philadelphia	REMICK, DO, Paul F	Lackawanna	RINEHIMER JR, MD, John S	Greene	ROGERS, MD, Kenneth J	Dauphin
RAVANO, MD, Jose F	Allegheny	RENDIN, MD, Larry J	Delaware	RING JR, MD, Floyd O	Delaware	ROGERS, MD, Paul H	Chester
RAVDIN, MD, Elizabeth G	Philadelphia	RENDON, MD, Roberto	Bucks	RING, MD, Ilona R	Delaware	ROGERS, MD, R Claude	Philadelphia
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RAVITCH, MD, Mark M	Allegheny	RENO, MD, Joseph D	Delaware	RINGAWA, MD, Peter E	Bucks	ROGERS, MD, William C	Philadelphia
RAVITZ, MD, Gerald A	Schuylkill	RENSIMER, MD, Wayne T	Bradford	RINGOLD, MD, Murray H	Lancaster	ROGERS, MD, William E	Lehigh
RAWDON, MD, Robert E	Mifflin-Juniata	RENTON, MD, Alan C	Allegheny	RINGWALT, MD, John D	York	ROGERS, MD, William H	Montour
RAWNSLEY, MD, Herbert H	Washington	RENTON, MD, Gordon L	Allegheny	RINKER, MD, R James	Luzerne	ROGERS, MD, William H	Lancaster
RAWSON, MD, Helen H	Montgomery	RENTSCHLER, MD, Edwin B	Berks	RIOFSKI, MD, Anthony F	Allegheny	ROGERSON, MD, David R	Cambria
RAY, MD, Henry M	Allegheny	RENTSCHLER, MD, Henry D	Bradford	RIPEPI, MD, Anthony C	Allegheny	ROGOW, MD, Edward	Allegheny
RAY, MD, Richard L	Allegheny	RENTZ, MD, Robert T	Erie	RIPEPI, MD, Philip P	Lancaster	ROGOWSKI, MD, Raymond A	Chester
RAYMOND, MD, Eugene E	Cambria	RENZI, MD, Anthony M	Philadelphia	RIPPLE, MD, Paul H	Allegheny	ROHLAND, MD, Donald V	Dauphin
RAYMOND, MD, Joseph W	Cambria	REPECE, MD, Ronald M	Delaware	RISHI, MD, Usha S	Bucks	ROHM, MD, Jack Z	Allegheny
RAYMOND, MD, Paul A	Lawrence	REPPERT, MD, William D	Northampton	RISING, MD, David C	Schuylkill	ROHNER JR, MD, Thomas J	Dauphin
RAYMUNDO 3D, MD, Ricardo B	Lawrence	RESHMI, MD, Chandrappa S	Allegheny	RISIMILLER, MD, Rosa W	Berks	ROHRBAUGH JR, MD, Charles M	Dauphin
RAYMUNDO, MD, Rosalinda R	Mercer	RESINGER, MD, William W	Venango	RISSER, MD, Mark G	Philadelphia	ROHRBECK, MD, Charles W	Centre
RAYNAK, MD, Frank R	Carbon	RESNICK, MD, Albert B	Philadelphia	RISTIN, MD, Norman	Philadelphia	ROHRER, MD, G Victor	Dauphin
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REAGAN, MD, Marie A	Venango	RESNICK, MD, Myron E	Philadelphia	RITCHIE, MD, David J	Allegheny	ROJER, MD, Charles L	Montgomery
REAMER, MD, Donald M	Montour	RESNIK, MD, Alan M	Cambria	RITCHIE, MD, Laurence T	Philadelphia	ROLAND, MD, Frederick H	Lehigh
REAMS, MD, Carl L	Philadelphia	RESNET, MD, Patrick B	Adams	RITCHIE, MD, William G	Allegheny	ROLLINS, MD, Clark T	Allegheny
REARDON, MD, Mary R	Bucks	RESTAK, MD, Lewis J	Philadelphia	RITTENHOUSE, MD, Emory A	Allegheny	ROLLO, MD, Daniel P	Dauphin
REAVEY-CANTWELL, MD, Nelson H	Berks	RESURRECCION, MD, Rosario	Franklin	RITTENHOUSE, MD, George H	Montgomery	ROMAN, MD, Laurian	Philadelphia
REBER, MD, Howard F	Delaware	RETTAW, MD, Philip L	Northumberland	RITTER, DO, Arnold	Philadelphia	ROMAN, MD, Stephen J	Westmoreland
REBER, MD, Jacob	Philadelphia	RETTIG, MD, Stephen J	Berks	RITTER, MD, Baird S	Philadelphia	ROMANO, MD, Nicholas M	Lehigh
RECH, MD, Frank M	Philadelphia	RETTINGER, MD, Beatrice F	Columbia	RITTER, MD, Charles W	Philadelphia	ROMANO, MD, Vincent E	Bucks
RECIK, MD, Halit	Erie	REUBEN, MD, Mark S	Columbia	RITTER, MD, Deborah E	Philadelphia	ROMANOW, MD, Peter W	Philadelphia
RECIO, MD, Conrado M	Allegheny	REVAK, DO, David J	Allegheny	RITTER, MD, Joseph A	Montgomery	ROMANOW, MD, George M	Montgomery
RECIO, MD, Rolando G	Franklin	REVAK, MD, Blairanne H	Montgomery	RITTER, MD, Joseph G	Cambria	ROMBEAU, MD, John L	Schuylkill
RECTOR, MD, Robert D	Allegheny	REVAK, MD, Conrad S	Lehigh	RITTER, MD, Mario	Montgomery	ROMEKA, MD, Mary M	Clinton
RED, MD, Donald E	Delaware	REX, MD, Eugene B	Philadelphia	RITTER, MD, Thomas J	York	ROMIG, MD, John E	Berks
REDA, MD, Frank A	Allegheny	REX, MD, James C	Mercer	RIVAS, MD, Aureliano	Bucks	ROMIG, MD, Ronald S	Chester
REDDING, MD, Willis A	Bradford	REYER, MD, William A	Cambria	RIVERA, MD, Edwin A	Montour	ROMINGER, MD, C Jules	Allegheny
REDDY, MD, Jaiveer T	Clarion	REYES, MD, Alredo M	Beaver	RIVERA, MD, Victor C	Allegheny	ROMMEL, MD, Frank L	Philadelphia
REDDY, MD, Rajdi M	Lycoming	REYES, MD, Saturnino M	Allegheny	RIZK, MD, Labib S	Allegheny	ROMY, MD, Maurice	Montgomery
REDDY, MD, Subash C	Philadelphia	REYES, MD, Vicente E	Westmoreland	RIZVI, MD, Syed A	Erie	ROMAN, MD, Robert B	Washington
REDDY, MD, V Saraswathi	Bradford	REYNA, MD, Oscar D	Philadelphia	RIZZARDI, MD, Roger N	Philadelphia	RONAUS, MD, William J	Philadelphia
REDEL, MD, Walter A	Lackawanna	REYNOLDS, MD, Chester	Fayette	RIZZUTO, MD, Paul A	Jefferson	RONIS, MD, Bernard J	Philadelphia
REDEENBAUGH, MD, James E	Montour	RHEE, MD, Ky Y	Lackawanna	ROBB, MD, Harry J	Lancaster	RONIS, MD, Max L	Philadelphia
REDKA, MD, James W	Lycoming	RHIEW, MD, Francis C	Philadelphia	ROBBINS, MD, Howard S	Philadelphia	RONNEMANN, MD, Drew P	Montgomery
REECE, MD, William W	Philadelphia	RHOADS JR, MD, Jonathan E	Allegheny	ROBBINS, MD, Robert	Lancaster	ROODE, MD, Albert G	Venango
REECE, MD, Clifford A	Berks	RHOADS, MD, Donald V	Philadelphia	ROBBINS, MD, Warren J	Lancaster	ROODE, MD, Peter G	Lycoming
REED, MD, Charles R	Allegheny	RHOADS, MD, Harry M	Cambria	ROBBINS, MD, William S	Philadelphia	ROODE, MD, Philip J	Venango
REED, MD, David E	Montgomery	RHOADS, MD, Jonathan E	Philadelphia	ROBERTS JR, MD, Philip G	Centre	ROOKLIN, MD, Anthony R	Delaware
REED, MD, David T	Centre	RHOADS, MD, Rebecca M	Philadelphia	ROBERTS, MD, Brooke	Philadelphia	ROONEY, MD, Edward F	Allegheny
REED, MD, Elmer M	Northumberland	RHOADS, MD, Marvin C	Montgomery	ROBERTS, MD, Haskell E	Lancaster	ROOS, MD, Alfred T	Erie
REED, MD, Gilbert C	Lebanon	RHOADS III, MD, Luther V	Lehigh	ROBERTS, MD, Jay D	Philadelphia	ROOS, MD, Leon	Adams
REED, MD, Harry W	Chester	RHOODES, MD, Michael	Lehigh	ROBERTS, MD, John M	Philadelphia	ROQUE, MD, Richard M	Philadelphia
REED, MD, Lola S	Berks	RHOODES, MD, Samuel G	Delaware	ROBERTS, MD, Joan M	Philadelphia	ROCK, MD, Nicholas R	Chester
REED, MD, Mark S	Philadelphia	RIAL, MD, William Y	Delaware	ROBERTS, MD, Linda P	Allegheny	ROSE, MD, John H	Montgomery
REED, MD, Peter W	Delaware	RICCHETTI, MD, Robert J	Philadelphia	ROBERTS, MD, Richmond C	Chester	ROSAN, DO, Stuart W	Monroe
REED, MD, Robert C	Berks	RICCHIUTI, MD, A George	Schuylkill	ROBERTS, MD, Robert J	Bucks	ROSATO, MD, Ernest F	Chester
REED, MD, Ronald W	Montgomery	RICCHIUTI, MD, Joseph F	Schuylkill	ROBERTSON, MD, John J	Berks	ROSATO, MD, Francis E	Philadelphia
REED, MD, Theodore P	Allegheny	RICCI, MD, Joseph A	Dauphin	ROBERTSON, MD, John L	Warren	ROSCHE, MD, Julius C	Blair
REED, MD, W Glenn	Butler	RICCIUTTI, MD, Vincent	Mercer	ROBERTSON, MD, John W	Philadelphia	ROSCHE, MD, Jeffrey M	Centre
REEFER, MD, John C	Westmoreland	RICE, MD, Donald H	Blair	ROBINS, MD, Hugh B	Allegheny	ROSCHE, MD, Robert L	Lancaster
REEL, MD, Charles M	Northampton	RICE, MD, Eileen M	Allegheny	ROBINS, MD, Ieadore M	Luzerne	ROSCOFF, MD, Carol M	Luzerne
REESE JR, MD, Evan C	Allegheny	RICE, MD, Samuel A	Lancaster	ROBINSON JR, MD, Elliott S	Bradford	ROSCOE, MD, Constantine	Philadelphia
REESE, MD, Edward F	Columbia	RICE, MD, Samuel M	Allegheny	ROBINSON JR, MD, James J	Philadelphia	ROSCOE, MD, Francis W	Lackawanna
REESE, MD, Fred W	Cambria	RICH, MD, William T	Beaver	ROBINSON, MD, Frederick A	Berks	ROSE, MD, Edward	Philadelphia
REESE, MD, Jack W	Lancaster	RICH, MD, Dean C	Montgomery	ROBINSON, MD, Gary	Luzerne	ROSE, MD, Elizabeth K	Philadelphia
REESE, MD, Richard W	Philadelphia	RICH, MD, James F	Dauphin	ROBINSON, MD, Joseph A	Philadelphia	ROSE, MD, Frederick B	Bradford
REESE, MD, Walter D	Philadelphia	RICHARDS, MD, Donald C	Northampton	ROBINSON, MD, James H	Allegheny	ROSE, MD, Isadore	Philadelphia
REESE, MD, Warren S	Northampton	RICHARDS, MD, Frederick H	Bradford	ROBINSON, MD, John N	Northampton	ROSE, MD, John F	Montour
REFOWICH, MD, Richard S	Union	RICHARDS, MD, H Leroy	Allegheny	ROBINSON, MD, Joseph P	York	ROSE, MD, Leslie I	Philadelphia
REGALADO, MD, Regulus D	Northampton	RICHARDS, MD, John C	Bucks	ROBINSON, MD, Louis C	Philadelphia	ROSEL, MD, Romeo C	Franklin
REGAN, MD, James R	Northampton	RICHARDS, MD, Nelson M	Allegheny	ROBINSON, MD, Leslie E	Berks	ROSEMOND, MD, George P	Philadelphia
REGANIS, MD, John C	Northampton	RICHARDS, MD, Robert N	Franklin	ROBINSON, MD, Martin H	Philadelphia	ROSEN, MD, Bruce J	Delaware
REGEC, MD, Stephen P	Elk-Cameron	RICHARDSON, MD, Claude E	Delaware	ROBINSON, MD, Michael L	Allegheny	ROSEN, MD, David	Philadelphia
REIBER, MD, David E	Philadelphia	RICHARDSON, MD, Francis L	Allegheny	ROBINSON, MD, Nathaniel M	York	ROSEN, MD, Daniel H	Venango
REICH, MD, Sylvia R	Luzerne	RICHARDSON, MD, George A	Philadelphia	ROBINSON, MD, Richard F	Philadelphia	ROSEN, MD, James A	Westmoreland
REICH, MD, William P	Tioga	RICHARDSON, MD, George S	Allegheny	ROBINSON, MD, William P	Dauphin	ROSEN, MD, Jacob C	Philadelphia
REICHARD, MD, James L	Centre	RICHARDSON, MD, Harrison H	Beaver	ROBINSON, MD, Robert N	Delaware	ROSEN, MD, Joseph H	Philadelphia
REICHARD, MD, Richard C	Berks	RICHARDSON, MD, James E	Washington	ROCCARIO, DO, Dante S	Mckean	ROSEN, MD, Leonard	Delaware
REICHEL JR, MD, John	Montgomery	RICHARDSON, MD, Paul A	Philadelphia	ROCHE JR, MD, Edward J	Allegheny	ROSEN, MD, Marvin I	Philadelphia
REICHEL, MD, Frederick A	Philadelphia	RICHARDSON, MD, Roosevelt	Allegheny	ROCHE, MD, Charles A	Allegheny	ROSEN, MD, Rhoda	Allegheny
REIDELL, MD, John S	Centre	RICHIE, MD, James E	Washington	ROCHE, MD, Karen R	Erie	ROSENBAUM, MD, Loren M	Allegheny
REIDENBERG, MD, Leon	Berks	RICHIE, MD, A Thomas	Cambria	ROCK, MD, James A	Cambridge	ROSENBAUM JR, MD, Leon	Philadelphia
REIDER, MD, Horace C	Montgomery	RICHMAN, MD, Morton W	Bucks	ROCK, MD, Leona L	Cambria	ROSENBAUM, MD, Aron	Cambria
REIFSNYDER, MD, William H	Berks	RICHMOND, MD, Allen C	Philadelphia	ROCK, MD, Leonard L	Somerseset	ROSENBAUM, MD, Armend L	Philadelphia
REIGART, MD, Paul M	York	RICHTER, MD, Howard A	Delaware	ROCKMAN, MD, Manley	Bradford	ROSENBAUM, MD, Jerry L	Philadelphia
REIGEL, MD, Donald H	Allegheny	RICHTER, MD, James J	Dauphin	ROCKOWER, MD, Roger A	Centre	ROSENBAUM, MD, Seth	Lancaster
REIGH, MD, Ernest E	Berks	RICHTER, MD, Melvyn P	Philadelphia	RODA, MD, Paul I	Allegheny	ROSENBERG, MD, Frank	Delaware
REIMELD-ERNEY, MD, Lynn L	Philadelphia	RICK JR, MD, William J	Luzerne	RODENBERGER, MD, Bruce M	Lehigh	ROSENBERG, MD, Harvey W	Allegheny
REILLY JR, MD, James J	Allegheny	RICKELS, MD, Karl	Philadelphia	RODGERS 3RD, MD, William H	Montgomery	ROSENBERG, MD, Irving	Philadelphia
REILLY JR, MD, Philip J	Westmoreland	RICKER, MD, Arthur J	Bucks	RODGERS, MD, Allen F	Philadelphia	ROSENBERG, MD, Irvin E	Luzerne
REILLY JR, MD, William M	Washington						
REILLY, MD, Charles M	York						
REILLY, MD, Desmond J	Dauphin						
REILLY, MD, John C	Erie						
REILLY, MD, James J	Allegheny						

ROSENBERG, MD, Lawrence S	Cambria	RUCH, MD, Asher G	Franklin	SAHELI, MD, Ali	Elk-Cameron	SATINSKY, MD, Jonathan D	Philadelphia
ROSENBERG, MD, Morton	Philadelphia	RUCH, MD, Carl R	Northampton	SAHILLIOGLU, MD, Rafik	Luzerne	SATTILARO, MD, Anthony J	Philadelphia
ROSENBERG, MD, Philip	Montgomery	RUDIC, MD, Ernaat	Philadelphia	SAHL, MD, Henry G	Montgomery	SAUCO, MD, M Concapcion	Philadelphia
ROSENBERG, MD, Philip	Philadelphia	RUDKIN, MD, Victor M	Allegheny	SAHLANEY, MD, George	Cambria	SAUER, MD, Dieter	Westmoreland
ROSENBERG, MD, Paul E	Philadelphia	RUDMAN, MD, I Elia	Philadelphia	SAHLANEY, MD, William J	Cambria	SAUER, MD, Thomas S	Northampton
ROSENBERG, MD, Randy M	Philadelphia	RUDNICK, MD, Herman D	Philadelphia	SAIDMAN, MD, Lester M	Luzerne	SAUERS, MD, Patricia L	Dauphin
ROSENBLATT, MD, Stanley A	Lackawanna	RUDNICK, MD, Michael R	Philadelphia	SAIFEE, MD, Kutub M	Allegheny	SAUERTIEG, MD, Elliott A	Dauphin
ROSENBLATT, MD, Stanley G	Cambria	RUDNITZKY, MD, Jaroma	Delaware	SAIN, MD, Flatchar D	Montgomery	SAUL, MD, Leon J	Philadelphia
ROSENBLOOM, MD, Meyer A	Allegheny	RUDO, MD, Marvin	Washington	SAIONTZ, MD, Howard I	Cambria	SAUL, MD, Richard B	Philadelphia
ROSENBLOOM, MD, Stanley E	Allegheny	RUDOLPH JR, MD, Samuel F	Montgomery	SALA, MD, Luis E	Philadelphia	SAUL, MD, Robert W	Allegheny
ROSENBURG, MD, Sidney A	Allegheny	RUDOLPH, MD, Joseph	Philadelphia	SALAK, MD, Waayl W	Philadelphia	SAUL, MD, Sydney M	Allegheny
ROSENCRANS, MD, David L	Allegheny	RUDOLPH, MD, Joseph P	Allegheny	SALANON, MD, Paul	Philadelphia	SAUNDERS, MD, Charlaa D	Northampton
ROSENFELD, MD, Bernard D	Lackawanna	RUDOLPH, MD, Kenneth H	Lackawanna	SALARI-LAK, MD, Farhad	Indiana	SAUNDERSON JR, MD, Robert W	Lancaster
ROSENFELD, MD, Howard	Montgomery	RUDOLPH, MD, Robert I	Barks	SALATKA, MD, Karl W	Westmoreland	SAUSSER, MD, Eugene W	Mifflin-Juniata
ROSENFELD, MD, Joel C	Philadelphia	RUDOLPH, MD, Richard L	Bradford	SALAZAR, MD, Edgardo P	Carbon	SAVACOL, MD, Jacob W	Philadelphia
ROSENFELD, MD, Karl	Chester	RUDUSKY, MD, Basil M	Luzerne	SALAZAR, MD, Pedro A	Luzerne	SAYAGE, MD, Peter J	Luzerne
ROSENFELD, MD, Philip A	Montgomery	RUEBEL, MD, Armin A	Bucks	SALCEDO, MD, Wilfredo G	Northampton	SAYARESE, MD, Ronald P	Philadelphia
ROSENFELD, MD, Ronald N	Delaware	RUEBEL, MD, Catharine D	Bucks	SALDANA, MD, Idal J	Jefferson	SAVIDGE, MD, Samuel L	Northumberland
ROSENFELD, MD, Richard N	Philadelphia	RUEDEMANN, MD, Ehrhardt	Allegheny	SALEM, MD, Ahmed N	Philadelphia	SAVINO, MD, Peter J	Philadelphia
ROSENMAN, MD, Howard D	Bucks	RUEGER, MD, Raimund G	Allegheny	SALERNO, MD, James G	Crawford	SAVORY, MD, William J	Dauphin
ROSENOW JR, MD, Edward C	Philadelphia	RUETSCHLIN, MD, James H	Philadelphia	SALES, MD, Irving J	Philadelphia	SAWARDEKAR, MD, Arun S	Mercer
ROSENOW JR, MD, William	Luzerne	RUFFE, MD, Redding H	Bucks	SALES, MD, Phoenix M	Philadelphia	SAWARDEKAR, MD, Shubhada A	Mercer
ROSENTHAL, MD, David E	Philadelphia	RUFF, MD, Curtia C	Butler	SALGADO, MD, Edward M	Northampton	SAXON, MD, Joseph G	Dauphin
ROSENTHAL, MD, Philip J	Allegheny	RUFFINI, MD, John A	Delaware	SALIM, MD, Bozorgmahr	Delaware	SAYE JR, MD, William H	Dauphin
ROSENTHAL, MD, Ronald S	Montgomery	RUFFLE, MD, Joan M	Dauphin	SALINDONG, MD, Jaime P	Montgomery	SAYEN, MD, John J	Philadelphia
ROSENTHAL, MD, Stephen I	Lackawanna	RUGART, MD, Karl F	Philadelphia	SALKO, MD, Gregory J	Lackawanna	SAYERS, MD, Francis P	Northumberland
ROSENZWEIG, MD, Max	Philadelphia	RUGEL, MD, Stanley J	Philadelphia	SALKOWE, MD, Jerry B	Delaware	SAYERS, MD, Kenneth H	Indiana
ROSETT, MD, Jeffrey S	Philadelphia	RUGGIERO, MD, Nicholas J	Luzerne	SALLASH JR, MD, Robert J	Northampton	SAYLOR, MD, Richard F	Montgomery
ROSIECKI, MD, Michael W	Lackawanna	RUGGIERO, MD, Robert A	Chester	SALMON, MD, James H	Erie	SAYSON, MD, Joa N	Lebanon
ROSINI, MD, Rita M	Allegheny	RUHT, MD, Joseph C	Chester	SALNER, MD, Nathan P	Philadelphia	SCAGLIOTTI, MD, Charles J	Lahigh
ROSKA, MD, Jose C	Columbia	RUIZ, MD, Cesar A	Allegheny	SALVA, MD, Renato H	Dauphin	SCARAMUCCI, MD, John C	Allegheny
ROSSER, DO, Marvin L	Philadelphia	RULIN, MD, Marvin C	Allegheny	SALVITI, MD, E Ronald	Washington	SCARF, MD, Maxwell	Philadelphia
ROSSER, MD, Albert	Montgomery	RUMBAUGH JR, MD, James O	Parry	SALVO, MD, Paul J	Philadelphia	SCARPA, MD, Harry C	Montgomery
ROSSER, MD, Isador K	Philadelphia	RUMBAUGH, MD, Marshall U	Luzerne	SALVOZA, MD, Manuel I	Northumberland	SCARPITTI, MD, William F	Erie
ROSSER, MD, William F	Philadelphia	RUMBAUGH, MD, Roas S	Somerset	SAMAD, MD, Mohammad A	Allegheny	SCARSELLATO, MD, John N	Allegheny
ROSS, DO, Harrie A	Philadelphia	RUMBLE JR, MD, Charlaa T	Allegheny	SAMADANI, MD, Siros R	Allegheny	SCARTARIGE, MD, John C	Lancaster
ROSS JR, MD, Peter W	Northumberland	RUMBLE, MD, Thomas R	Allegheny	SAMARASINGHE, MD, Gunasiri	Erie	SCHAAF, MD, Charles F	Erie
ROSS, MD, Abraham	Lehigh	RUMSEY, MD, John L	Monroe	SAMERSON, MD, Leo	York	SCHAAF, MD, John T	Erie
ROSS, MD, John J	Philadelphia	RUMSEY, MD, William P	Delaware	SAMENT, MD, Sidney	Northampton	SCHACHTER, MD, Allan B	Allegheny
ROSS, MD, Joseph V	Columbia	RUNCO, MD, Angelo S	Monroe	SAMET, MD, Sherwood L	Delaware	SCHACHTERLE, MD, Ralph E	Lancaster
ROSS, MD, Martha E	Montgomery	RUNK, MD, Lorenzo G	Allegheny	SAMII, MD, Abdol H	Luzerne	SCHADE, MD, John F	Luzerne
ROSS, MD, R Douglas	Philadelphia	RUNYON, MD, William K	Philadelphia	SAMII, MD, Ali M	Cambria	SCHADT JR, MD, Oliver S	Lehigh
ROSS, MD, Vincent L	Lackawanna	RUPP, MD, Robert A	Berks	SAMITZ, MD, M Harris	Philadelphia	SCHADT, MD, Daniel C	Northampton
ROSSI JR, MD, Ralph A	Chester	RUPPENHAL, MD, J Bruce	Fayette	SAMPATHACHAR, MD, Kakkadasam R	Lackawanna	SCHAEBLER, MD, M Lea	Barka
ROSSI, MD, John C	Allegheny	RUSCHAK, MD, Paul J	Lackawanna		Allegheny	SCHAEFER, MD, C Russell	Allegheny
ROSSI, MD, Ralph A	Philadelphia	RUSH, MD, Celvin C	Greene	SAMPSON, MD, David A	Philadelphia	SCHAEFER, MD, Leroy W	Mifflin-Juniata
ROSSMAN, MD, Bernard S	Philadelphia	RUSH, MD, George B	Beaver	SAMPSON, MD, William C	Philadelphia	SCHAEFER, MD, Thomas J	Cambria
ROSSMAN, MD, Max	Lehigh	RUSH, MD, Irving A	Philadelphia	SAMSON, MD, Bienvando T	Philadelphia	SCHAEFFER JR, MD, William E	Lebanon
ROSSMAN, MD, Ronald E	Philadelphia	RUSH, MD, John F	Fayette	SAMUELSON, MD, Joel S	Monroe	SCHAEFFER, MD, Frances C	Lahigh
ROTH JR, MD, George R	Dauphin	RUSCHFORD, MD, Anthony J	Allegheny	SANCHEZ, MD, Blanca S	Philadelphia	SCHAEFFER, MD, William A	Lancaster
ROTH, MD, James L	Philadelphia	RUSIN, MD, Lawrence C	Erie	SANDBERG, MD, Theodore E	Allegheny	SCHAEFFER, MD, Burton	Philadelphia
ROTH, MD, Russell B	Erie	RUSSEK, MD, Edward	Dauphin	SANDERS, MD, Francis A	Philadelphia	SCHAEFFER, MD, David B	Philadelphia
ROTHENBERGER, MD, Marvin K	Lehigh	RUSSELL, MD, Hollis K	Wyoming	SANDERS, MD, Robert E	Westmoreland	SCHAEFFER, MD, David W	Dauphin
ROTHERMEL, MD, Earl W	Barks	RUSSELL, MD, Richard L	Allegheny	SANDERSON, MD, Douglas K	Dauphin	SCHAEFFER, MD, Tad C	Allegheny
ROTHERMEL, MD, Franklin J	Montour	RUSSELL, MD, Richard L	Dauphin	SANDERSON, MD, Vincent A	Mercer	SCHAEFFER, MD, Meada D	Lancaster
ROTHFUS, MD, Helen T	Allegheny	RUSSMAN, MD, Richard B	Allegheny	SANDHAUS, MD, Julius L	Lancaster	SCHAEFFER, MD, Bruce A	Allegheny
ROTHKOPF, MD, Brad M	Philadelphia	RUSSO, MD, John F	Schuylkill	SANDHU, MD, Rajindar S	Allegheny	SCHAEFFER, MD, Lawrence	Philadelphia
ROTHKOPF, MD, Henry	Philadelphia	RUTA, MD, John P	Blair	SANDLER, MD, Richard	Blair	SCHALLER, MD, James A	Philadelphia
ROTHMAN, MD, David L	Mercer	RUTBERG, MD, Franklin L	Philadelphia	SANDO, MD, Ralph S	Philadelphia	SCHALLER, MD, Paul J	Allegheny
ROTHMAN, MD, David L	Allegheny	RUTBERG, MD, Michael	Westmoreland	SANDOVAL, MD, Conchita O	Westmoreland	SCHANER, MD, John C	Lancaster
ROTHMAN, MD, Maurice M	Philadelphia	RUTH, MD, D Harry	Bucks	SANDSON, MD, Gerald B	Allegheny	SCHANTZ, MD, John C	Lackawanna
ROTHMAN, MD, Richard H	Philadelphia	RUTH, MD, John F	Beaver	SANDSTROM JR, MD, Frank T	Montgomery	SCHAPIRA, MD, Daniel	Allegheny
ROTHROCK JR, MD, Henry A	Chester	RUTHBERG, MD, Jack	Berks	SANDSTROM, MD, Paul H	Erie	SCHAPIRO, MD, Rol L	Philadelphia
ROTHROCK, MD, Gilmore M	York	RUTLAND, MD, Hadley E	Philadelphia	SANFORD, MD, Fraderic E	Lycoming	SCHARADIN, MD, Nelson S	Lebanon
ROTHSCHILD, MD, John A	Luzerne	RUTSTEIN, MD, Richard M	York	SANFORD, MD, Robert G	Dauphin	SCHARFF, MD, Nicholas	Philadelphia
ROTHSTEIN, MD, Edward P	Bucks	RUTT JR, MD, Clerence H	Montgomery	SANFORD, MD, Robert S	Tioga	SCHARTLE, DO, Albert P	Barks
ROTKO, MD, Bernard B	Philadelphia	RUTT, MD, John M	Lancaster	SANGHI, MD, Jodh K	Warren	SCHATTNER, MD, Allen S	Allegheny
ROTTENBERG, DO, Louis	Philadelphia	RUTTENBERG, DO, Norman F	Philadelphia	SANGOSANYA, MD, Abolaji A	Philadelphia	SCHATZ, MD, Norman J	Philadelphia
ROTTSCHEAFER, MD, Bernard L	Westmoreland	RUTTENBERG, MD, Bertram A	Allegheny	SANGRUJEE, MD, Kannika L	Allegheny	SCHAUB, MD, David H	Allegheny
ROUSE, MD, Paul V	Philadelphia	RUZANI, MD, Bahruze	Philadelphia	SANGRUJEE, MD, Weerasak	Allegheny	SCHecter, MD, Benjamin C	Mckean
ROUSSEL, MD, Paula L	Dauphin	RYAN, MD, Charles S	Delaware	SANKAR, MD, Naganathan S	Lackawanna	SCHERER, MD, R Scott	Chester
ROVNER, MD, Harold	Allegheny	RYAN, MD, Helen M	Blair	SANKARAN, MD, Manickam	Blair	SCHERS, MD, George F	Luzerne
ROVNO, MD, Herbert	Philadelphia	RYAN, MD, James J	Allegheny	SANNER JR, MD, Edgar G	Allegheny	SCHIED JR, MD, John E	Westmoreland
ROWAN, MD, Noel M	Berks	RYAN, MD, John J	Philadelphia	SANNER, MD, John C	Westmoreland	SCHIED, MD, George R	Westmoreland
ROWAN, MD, Paul J	Lancaster	RYAN, MD, Lawrence W	Philadelphia	SANPEDRO, MD, Florio D	Philadelphia	SCHIEE, MD, Herold G	Philadelphia
ROWAN, MD, Sandra K	Barka	RYAN, MD, Robert J	Montgomery	SANPEDRO, MD, Romeo S	Beaver	SCHIEIN II, MD, George	Allegheny
ROWE, MD, Stuart N	Allegheny	RYAN, MD, William C	Lebanon	SANSONE, MD, Thomas C	Montgomery	SCHIEIN, MD, Alan L	Dauphin
ROWGHANI, MD, Mohammad I	Chester	RYAVE, MD, Stevan S	Somerset	SANSTEAD, MD, John K	York	SCHIEIN, MD, Robert A	Allegheny
ROWLAND, MD, Edmund B	Mercer	RYCHAK, MD, John S	Dauphin	SANTAMARIA, MD, Francisco R	Westmoreland	SCHIEINFELDT, DO, Barton D	Philadelphia
ROWLAND, MD, George A	Columbia	RYCKMAN, MD, William F	Montgomery	SANTANGELO, MD, Samuel C	Montgomery	SCHELER, MD, Carl E	Allegheny
ROWLAND, MD, Harold A	Montgomery	RYDZE, MD, Robert A	Lackawanna	SANTARSIERO, MD, D Anthony	Lackawanna	SCHELL, MD, Gary F	Centre
ROWLAND, MD, N Deen	Lancaster	RYDZE, MD, Richard A	Dauphin	SANTEN, MD, Richard J	Dauphin	SCHENCK, MD, Paul H	Lahigh
ROWLEY, MD, Richard S	Chester	RYDZE, MD, Samuel E	Allegheny	SANTINI, MD, Thomas F	Philadelphia	SCHENCKEL, MD, Eric J	Northampton
ROWMAN, MD, Leo	Philadelphia	RYNIER, MD, Donald L	Montour	SANTINI, MD, Lewis C	Philadelphia	SCHERR, MD, Stuart A	Philadelphia
ROWSHAN, MD, Ghodrattollah,	Northampton	RYOO, MD, In O	Erie	SANTOMENNA, MD, Michael A	Erie	SCHERR, MD, John W	Lackawanna
ROXYBY JR, MD, John B	Philadelphia	RYSCAVAGE, MD, Edward T	Allegheny	SANTOPOLO, MD, Anthony C	Delaware	SCHIEVERMAN, MD, Henry A	Delaware
ROXYBY, MD, Bruce S	Delaware	RYSCAVAGE, MD, Thomas S	Schuylkill	SANTORA JR, MD, Frank J	Allegheny	SCHIELE, MD, Herbert	Philadelphia
ROXYBY, MD, Harold C	Philadelphia		York	SANTORA, MD, Frank J	Allegheny	SCHIFALACOUA, MD, Philip A	Philadelphia
ROY, MD, Robert H	Cumberland			SANTORA, MD, Robert A	Allegheny	SCHIFF, MD, Melvin M	Allegheny
ROYAL, MD, David R	Bredford			SANTORE, MD, Felicia J	Delaware	SCHILLER, MD, Harvey J	Cambria
ROYCE, MD, Paul C	Montour			SANTOS, MD, Arthur M	Allegheny	SCHILLER, MD, Herbert M	Philadelphia
ROYER, MD, Thomas C	Berks			SANTOS, MD, Cesar R	Lawrence	SCHILLER, MD, Ruth P	Bucks
ROZANSKI, MD, Stanley J	Erie			SANTOS, MD, Rodolfo J	Bucks	SCHILLI, MD, Rudolph	Cambria
ROZWADOWSKI, MD, Jeck V	Allegheny			SANTOS, MD, Rodolfo R	Somerset	SCHIMERT, MD, Arnd P	Philadelphia
RUBEL, MD, Theodor	Washington			SANTOSO, MD, Limjedi	Erie	SCHIMMEL, MD, Nelson H	Philadelphia
RUBEN, MD, Jerold R	Washington			SANTOYO-STEIN, MD, Maria C	Philadelphia	SCHIMMER, MD, Berry M	Philadelphia
RUBEN, MD, Melcolm E	Allegheny			SAPIRSTEIN, MD, Wolf	Dauphin	SCHINDLER, MD, Peter D	Chester
RUBENFIELD, MD, Arnold D	Allegheny			SAQUIN, MD, Raineldo C	Mckean	SCHINFIELD, MD, Louie H	Montgomery
RUBENSTEIN, MD, Leonard S	Allegheny			SARACCO, MD, Thomas R	Allegheny	SCHIOVITZ, MD, Albert	Luzerne
RUBENSTEIN, MD, Morton J	Dauphin			SARACHEK, MD, Norman S	Lehigh	SCHIRO, MD, John C	Dauphin
RUBIN, DO, Carl S	Philadelphia			SARADAR, MD, Riad	Fayette	SCHLABACH, MD, Donald M	Erie
RUBIN, MD, Alen	Philadelphia			SARAIN, MD, Antonio N	Crawford	SCHLACKMAN, MD, Nail	Bucks
RUBIN, MD, Emanuel	Philadelphia			SARAJEDINI, MD, Hossein	Mckean	SCHLAFF, MD, Lillian T	Philadelphia
RUBIN, MD, Hervey M	Allegheny			SARAN, MD, Madhukar	Susquehanna	SCHLAFF, MD, Sheldon	Philadelphia
RUBIN, MD, I Edwerd	Philadelphia			SARAS, MD, Peter L	Luzerne	SCHLAFF, MD, Zechery	Philadelphia
RUBIN, MD, Jeffrey F	Montgomery			SARDESAI, MD, Prabheker G	Erie	SCHLAGER, MD, Barbara A	Philadelphia
RUBIN, MD, Lore R	Allegheny			SARIN, MD, Lov K	Philadelphia	SCHLAGER, MD, Charles E	York
RUBIN, MD, Morton L	Dauphin			SARIS, MD, Demetrius S	Montgomery	SCHLANSKY, MD, Ronald M	Cumberland
RUBIN, MD, Myron M	Lancaster			SARKER, MD, Chitta R	Montgomery	SCHLEIFER, MD, Charles R	Philadelphia
RUBIN, MD, Merc R	Philadelphia			SARSHIK, MD, Milton	Philadelphia	SCHLESINGER, MD, Sam	Luzerne
RUBIN, MD, Nathan W	Montgomery			SARUBIN, MD, Daniel R	Lehigh	SCHLESSEL, MD, Richard B	Philadelphia
RUBIN, MD, Peter E	Delaware			SARVER, MD, Ray G	Westmoreland	SCHLEZINGER, MD, Nathan S	Philadelphia
RUBIN, MD, Robert F	Delaware			SARVER, MD, Robert O	Allegheny	SCHLITZER, MD, William H	Schuylkill
RUBIN, MD, S Bruce	Philadelphia			SASS, MD, Robert E	Mercer	SCHLOSSBERG, MD, David	Dauphin
RUBINSTEIN, MD, Percy M	Delaware			SASSANI, MD, Joseph W	Dauphin	SCHLOSSBERG, MD, Michael A	Allegheny
RUBIO, MD, Emir W	Berks			SASSON, MD, Robert	Bucks	SCHLOSSER, MD, David E	Lancaster
RUBRIGHT, MD, George L	Schuylkill			SASTRY, MD, Desika M	Philadelphia	SCHLOSSER, MD, Woodrow D	Philadelphia
RUBRIGHT, MD, Herbert C	Philadelphia			SATALOFF, MD, Joseph	Philadelphia	SCHMELTZ, MD, Ralph	Allegheny
RUBY, MD, Marianne	Philadelphia			SATALOFF, MD, Robert T	Philadelphia	SCHMIDT JR, MD, Erwin R	Philadelphia

SCHMIDT, MD, Arnold P	Luzerne	SCICCHITANO, MD, David C	Northumberland	SEVILLA, MD, Cesar A	Allegheny	SHERBAN, MD, Paul R	Lancaster
SCHMIDT, MD, H William	Montgomery	SCICCHITANO, MD, Laon P	Schuylkill	SEVIN, MD, Elizabeth G	Philadelphia	SHERIDAN, DO, Joseph F	Cambria
SCHMIDT, MD, James R	Montgomery	SCIOSCIA, MD, Eugene A	Allagheny	SEWAK, MD, Michael E	Cambria	SHERMAN, MD, Alfred J	Dauphin
SCHMIELER, MD, George C	Washington	SCIPIONE, MD, C Richard	Philadelphia	SEWELL, MD, William H	Bradford	SHERMAN, MD, Bruce P	Philadelphia
SCHMIER, MD, George P	Washington	SCIULLI, MD, Robert S	Berks	SEXTON JR, MD, George L	Berks	SHERMAN, MD, Hugh I	Mifflin-Juniata
SCHMITT, MD, Albrecht	Philadelphia	SCIULLI, MD, Vincent F	Allegheny	SEYLER, MD, Raymond O	Delaware	SHERMAN, MD, Henry K	Westmoreland
SCHMITT, MD, Charles L	Allagheny	SCOGLIETTI, MD, Vincent C	Allegheny	SEYMOUR, MD, Parker M	Philadelphia	SHERMAN, MD, Louise S	Allagheny
SCHMITT, MD, Herman L	Allagheny	SCORNACACCHI JR, MD, Joseph M	Berks	SGARLAT, MD, Joseph R	Luzerna	SHERMAN, MD, Mathew H	Dauphin
SCHMUKLER, DO, Anita G	Philadelphia	SCORNACACCHI, MD, Joseph M	Berks	SGRO, MD, Antonio	Philadelphia	SHERMAN, MD, M Jackson	Philadelphia
SCHMUTZLER III, MD, Robert C	Montgomery	SCOTT, MD, Alvin J	Luzerne	SHABER, MD, Gary S	Philadelphia	SHERMAN, MD, Samuel	Allegheny
SCHNALL, MD, Charlae	Philadelphia	SCOTT, MD, C Paul	Allagheny	SHACKLEFORD, MD, Robert W	Montgomery	SHERR, MD, Virginia T	Bucks
SCHNALL, MD, David J	Philadelphia	SCOTT, MD, Dorothy C	Allagheny	SHACKLETT, MD, Dorothy E	Philadelphia	SHERRY, MD, Sol	Philadelphia
SCHNALL, MD, Nathan	Philadelphia	SCOTT, MD, Dorothy T	Luzerne	SHAFER, MD, Edward A	Luzerne	SHERTZER, MD, John H	Lancaster
SCHNAUFER, MD, Louise	Philadelphia	SCOTT, MD, Duralle T	Dauphin	SHAFER, MD, Carolyn W	Dauphin	SHERWIN, MD, Gerald P	Lehigh
SCHNEEBERG, MD, Arthur L	Philadelphia	SCOTT, MD, Earl S	Baaver	SHAFER, MD, Donald Y	Montgomery	SHERWIN, MD, Lysle W	Cambria
SCHNEEBERG, MD, J Myron	Philadelphia	SCOTT, MD, Henry	Montgomery	SHAFER, MD, Frank W	Bucks	SHERWIN, MD, Roberta	Philadelphia
SCHNEEBERG, MD, Norman G	Philadelphia	SCOTT, MD, Jack A	Lawrence	SHAFER, MD, George W	Luzerna	SHERWIN, MD, William K	Delaware
SCHNEIDER JR, MD, Henry C	Montgomery	SCOTT, MD, J Clifford	Berks	SHAFER, MD, Howard L	Allegheny	SHERWOOD, MD, Arthur W	Wyoming
SCHNEIDER, MD, Barnard	Philadelphia	SCOTT, MD, John H	Philadelphia	SHAFER, MD, Irvin G	Berks	SHERWOOD, MD, John W	Luzerna
SCHNEIDER, MD, Benjamin	Northumberland	SCOTT, MD, John P	Centre	SHAFER, MD, Lionel B	Montgomery	SHEDE, MD, Leena P	Allegheny
SCHNEIDER, MD, Chester L	Montgomery	SCOTT, MD, James P	Indiana	SHAFER, MD, Walter L	Allegheny	SHETTY, MD, Ashok K	Westmoreland
SCHNEIDER, MD, Henry C	Philadelphia	SCOTT, MD, Kincy J	Allagheny	SHAFIA, MD, Hass	Philadelphia	SHETTY, MD, Kandavar N	Beaver
SCHNEIDER, MD, Jan	Philadelphia	SCOTT, MD, Norman E	Philadelphia	SHAH, MD, Ghazanfar A	Westmoreland	SHETTY, MD, Karunakar S	Westmoreland
SCHNEIDER, MD, John A	Allagheny	SCOTT, MD, Daniel M	Berks	SHAH, MD, Harnish V	Berks	SHETTY, MD, Ratnakar S	Baaver
SCHNEIDER, MD, Lawrence H	Allegheny	SCOTT, MD, Louis N	Luzerna	SHAH, MD, Jitendra N	Oelawara	SHETZLEY, MD, Carl M	Bucks
SCHNEIDER, MD, Robert E	Allegheny	SCROBOLA, MD, Charles C	Mercer	SHAH, MD, Kantilal J	Montgomery	SHIBLEY, MD, George J	Lackawanna
SCHNEIER, MD, Rosa L	Berks	SCULLIN III, MD, John P	Erie	SHAH, MD, Kiritkumar J	Philadelphia	SHIEH, MD, Kan C	Lahigh
SCHNEIMAN, MD, Maurice H	Philadelphia	SCULLY, MD, Dennis M	Berks	SHAH, MD, Mahendra K	Susquahanna	SHIELDS, MD, Edward A	Bedford
SCHNITZLER, MD, Joseph	Northampton	SCULLY, MD, John P	Westmoreland	SHAH, MD, Manjula S	Jefferson	SHIELDS, MD, Jerry A	Philadelphia
SCHNURER, MD, Charles I	Allegheny	SEARFOSS, MD, Roger C	Philadelphia	SHAH, MD, Narayan	Montour	SHIELDS, MD, John J	Montgomery
SCHOCK, MD, William W	Huntingdon	SEARS, MD, Henry F	Dauphin	SHAH, MD, Rahmat	Lackawanna	SHIELDS, MD, Lee H	Oauphin
SCHOENFELDER, MD, Clyde D	Allagheny	SEBASTIAN, MD, Eugene F	Lackawanna	SHAH, MD, Ranjan R	Delaware	SHIELDS, MD, Marshall F	Delaware
SCHOEPNER, MD, Eric	Northampton	SEBASTIANELLI, MD, Mario J	Lackawanna	SHAH, MD, Sureshchandra,	Luzerne	SHIELDS, MD, Ralph K	Northampton
SCHOFIELD, MD, Richard A	Montgomery	SEBOK, MD, Marianna	Philadelphia	SHAH, MD, Syed G	Schuylkill	SHIELDS, MD, Ralph L	Northampton
SCHOLL JR, MD, Harvey W	Bucks	SECHLER, MD, Edith W	Vanango	SHAH, MD, Shirish N	Allegheny	SHIELDS, MD, Thomas J	Montgomery
SCHOLL, MD, Harvey W	Montgomery	SECKINGER, MD, Raymond P	Lahigh	SHAH, MD, Shirish N	Jefferson	SHIN, MD, Grace E	Montgomery
SCHOLLART, MD, Richard A	Allagheny	SECUNDA, MD, Steven K	Blair	SHAEEN, MD, Robert G	Blair	SHIN, MD, Hyung R	Allegheny
SCHONAUER, MD, Thomas D	York	SEDA, MD, Hector J	Lackawanna	SHAIKH, MD, Aftab A	Lackawanna	SHIN, MD, Maung T	Erie
SCHOOLEY, MD, Frank B	Luzerne	SEDLACEK, MD, Thomas V	Philadelphia	SHAMAI, MD, Haroun A	Lahigh	SHINDEL, MD, James H	Blair
SCHOOLWERTH, MD, Anton C	Oauphin	SEEBER, MD, John J	Cambria	SHAMBLIN, MD, Jerry D	Allagheny	SHINDLER, MD, Robert L	Dauphin
SCHOPFER, MD, Ralph E	Lycoming	SEELAUS, MD, Jere F	Philadelphia	SHAMIMI-NOORI, MD, Soroush	Dauphin	SHINGALA, MD, Arun J	Lackawanna
SCHOTT JR, MD, Clifford E	Philadelphia	SEGAL, MD, Allan	Beaver	SHANAHAN, MD, J Rush	Philadelphia	SHINN, MD, Elliott T	Beaver
SCHOWALTER, MD, Donald R	Westmoreland	SEGAL, MD, Arthur M	Lackawanna	SHANDER, MD, Ernest G	Lackawanna	SHINNICK, DO, James P	Philadelphia
SCHRAGGER, MD, Alan H	Lehigh	SEGAL, MD, Bernard L	Allegheny	SHANK, MD, Irana A	Allegheny	SHIPKOVITZ, MD, Harvey D	Allegheny
SCHRAMM JR, MD, Victor L	Allegheny	SEGAL, MD, Hyman I	Bucks	SHANKAR, MD, Ram G	Bucks	SHIPLEY, MD, Alan E	Marcus
SCHRAMM, MD, Frank E	Northampton	SEGAL, MD, Louis	Philadelphia	SHANKAR, MD, V S	Philadelphia	SHIPPEN, MD, Eugene R	Berks
SCHRECK, MD, Frad M	Northumberland	SEGALL, MD, Nathan T	Allagheny	SHANNON, MD, Gerard M	Philadelphia	SHIREY, MD, Elaine D	Philadelphia
SCHRECKENGAUST, MD, Robert H	Lackawanna	SEGEL, MD, David P	Allegheny	SHANNON, MD, Robert E	Dauphin	SHISHAK, MD, Aryo A	Wayne-Pike
SCHREIBER, MD, Richard D	Lebanon	SEGU, MD, Subramanyam	Erie	SHAPERA, MD, Richard P	Allagheny	SHISLER, MD, Frederick H	Montgomery
SCHREINER, MD, Glenwood R	Luzerne	SEHGAL, MD, Kuldeep	Beaver	SHAPIRO, DO, Bertram P	Philadelphia	SHLOMCHIK, MD, Seymour	Philadelphia
SCHROCK, MD, Laura J	Cambria	SEIDEL, MD, Eric C	Berks	SHAPIRO, DO, Stevan A	Montgomery	SHMOKLER, MD, Leon	Philadelphia
SCHROTH, MD, Thomas A	Delaware	SEIDEL, MD, Horaca Y	Northampton	SHAPIRO, MD, Alvin P	Allegheny	SHOAF, MD, Paria A	Lawrence
SCHUBART, MD, George R	Delaware	SEIDEN, MD, Joseph A	Philadelphia	SHAPIRO, MD, Charles J	Franklin	SHOBER, MD, John J	Philadelphia
SCHUBERT, MD, John J	Lancaster	SEIDLER, MD, Eleanor E	Montgomery	SHAPIRO, MD, Harvey H	Franklin	SHOEMAKER JR, MD, Lester E	Bucks
SCHUBERT, MD, Timothy T	Luzerne	SEIDLICH, MD, Franklin T	Dauphin	SHAPIRO, MD, Jacob	Philadelphia	SHOEMAKER, MD, David M	Bucks
SCHUCKER, MD, Charles L	Huntingdon	SEIDMAN, DO, Larry S	Philadelphia	SHAPIRO, MD, Lester F	Allagheny	SHOEMAKER, MD, Norville E	York
SCHUCKER, MD, Forrest A	Oauphin	SEIDNER, MD, Michael R	Montgomery	SHAPIRO, MD, Leonard H	Philadelphia	SHOEMAKER, MD, Robert J	Allegheny
SCHUESSLER, MD, Paul W	Northampton	SEIFERT, MD, George L	Philadelphia	SHAPIRO, MD, Morry	Allegheny	SHOENER, MD, John A	Allegheny
SCHULER, MD, Shelley S	Philadelphia	SEIFERT, MD, Thomas E	Cambria	SHAPIRO, MD, Nathan B	Philadelphia	SHOENTHAL, MD, Henry W	Bedford
SCHULHOFF, MD, John W	Allegheny	SEIFERTH, MD, William J	Erie	SHAPIRO, MD, Richard P	Philadelphia	SHOENTHAL, MD, William J	Bucks
SCHULLER, MD, Diane E	Montour	SEIGLE, MD, Walter E	Lackawanna	SHAPIRO, MD, Samuel S	Philadelphia	SHOLEVAR, MD, Javad	Lehigh
SCHULMAN, MD, Benjamin L	Allegheny	SEIPLE, MD, Harvey H	Lancaster	SHARBAUGH, MD, Donald G	Cambria	SHONBERG, MD, Irving L	Allegheny
SCHULMAN, MD, Norman	Luzerne	SEITCHIK, MD, Murray W	Philadelphia	SHARE, MD, Isaiah A	Philadelphia	SHOOK III, MD, Willis D	Allegheny
SCHULTHEIS JR, MD, Carl F	Montgomery	SEITZ, MD, Edward R	Allagheny	SHARIF-AZAD, MD, Said	Philadelphia	SHOPE, MD, Earl S	Cambria
SCHULTZ, MD, Edward D	Blair	SEITZ, MD, Navin H	York	SHARMA, MD, Jashwant K	Westmoreland	SHOPE, MD, William B	Westmoreland
SCHULTZ, MD, Edward J	Blair	SEKARAN, MD, Kamalash K	Butler	SHARMA, MD, Om P	Northampton	SHORE, DO, Eric E	Philadelphia
SCHULTZ, MD, Edward M	Allegheny	SEKARAN, MD, Somasundaram K	Erie	SHARMA, MD, Sukh D	Erie	SHORE, MD, George R	Allegheny
SCHULTZ, MD, Julius	Philadelphia	SEKHAR, MD, Laligam N	Allegheny	SHARMAN, MD, Michael H	Washington	SHORE, MD, Naal A	Philadelphia
SCHULTZ, MD, John G	Luzerne	SELHAT, MD, Jori F	Philadelphia	SHARPLES, MD, Wynne	Philadelphia	SHORE, MD, Paul D	Delaware
SCHULZ, MD, August J	Lancaster	SELICKMAN, MD, Mitchell A	Philadelphia	SHARPLESS, MD, Edwin D	Delaware	SHORE, MD, Sidney	Montgomery
SCHULZ, MD, Jacob A	Lancaster	SELIG, MD, Robert M	Philadelphia	SHARPS, MD, Frank	Philadelphia	SHORE, MD, Seymour M	Philadelphia
SCHUMACHER, DO, Carol M	Allegheny	SELKER, MD, Robert G	Allegheny	SHARPS, MD, Lewis S	Chaster	SHORE, MD, Staphan R	Lehigh
SCHUMACHER, MD, L Richard	York	SELKOVITS, MD, Sidney	Allagheny	SHARRAR, MD, Karen E	Philadelphia	SHORT, MD, William J	Cumberland
SCHUMAN, MD, Robert A	Lackawanna	SELL, MD, Charles P	Lahigh	SHARRER, MD, Margaret C	Allegheny	SHOUP, MD, George D	Philadelphia
SCHUMANN, MD, Francis	Philadelphia	SELLERS, MD, Allrad M	Philadelphia	SHASHIKUMAR, MD, V L	Allegheny	SHOVLIN, MD, John M	Lackawanna
SCHUSTER, MD, Albert H	Berks	SELLERS, MD, Robert W	Berks	SHATOUHY, MD, Joseph	Oelawara	SHOVLIN, MD, John P	Lackawanna
SCHUSTER, MD, James L	Erie	SELTZER, MD, Albert P	Philadelphia	SHATTEN, MD, Thomas A	Allegheny	SHOWAN, MD, Ann Marie	Bucks
SCHUT, MD, Lydia T	Philadelphia	SELTZER, MD, Benjamin	Philadelphia	SHATZ, MD, Eugene M	Pottar	SHRADER, MD, Lester C	Allegheny
SCHWAB, MD, Morton E	Philadelphia	SELTZER, MD, Harry	Allegheny	SHAUB JR, MD, Howard G	Blair	SHRAGER, MD, Morton W	Philadelphia
SCHWAB, MD, Robert H	Philadelphia	SELTZER, MD, Joseph L	Philadelphia	SHAUB, MD, A Paul	Lancaster	SHRIVER, MD, Alan W	Westmoreland
SCHWAGER, MD, Robert M	Luzerne	SELTZER, MD, Maurice	Philadelphia	SHAUB, MD, Paul D	York	SHROFF, MD, Ferook K	Luzerne
SCHWARTZ, MD, Allan B	Philadelphia	SEMANOFF, MD, Thaphila C	Philadelphia	SHAUGHNESSY, MD, Michael J	Allegheny	SHU, MD, Chis S	Lycoming
SCHWARTZ, MD, Albert M	Philadelphia	SEMBROT, MD, Joseph T	Lehigh	SHAYER, MD, James A	Allegheny	SHUBERT, MD, Edward	Eria
SCHWARTZ, MD, Alec R	Allegheny	SEMBROT, MD, William B	Philadelphia	SHAYER, MD, John C	Allegheny	SHUBIN, MD, Harry	Philadelphia
SCHWARTZ, MD, Bradford B	York	SEMIN, MD, Howard	Allagheny	SHAYER, MD, Varna C	Allegheny	SHUE, MD, William M	York
SCHWARTZ, MD, Barry J	Philadelphia	SEMICSH 3RD, MD, Charles W	Philadelphia	SHAYER, MD, William A	Lebanon	SHUGERT, MD, Guy S	Beaver
SCHWARTZ, MD, Daniel N	Allagheny	SEMPLE, MD, Joseph M	Erie	SHAW, MD, Gordon A	Lycoming	SHUGERT, MD, John H	Beaver
SCHWARTZ, MD, Donald S	Chaster	SENA, MD, Frank W	Philadelphia	SHAW, MD, Harry E	Allegheny	SHUHLER, MD, Michael F	Berks
SCHWARTZ, MD, Emsnual E	Philadelphia	SENA, MD, Pushpandra	Allagheny	SHAW, MD, John L	Montgomery	SHUKLA, MD, Rohitkumar S	Franklin
SCHWARTZ, MD, Gordon F	Philadelphia	SENCINDIVER, MD, Paigs V	Philadelphia	SHAW, MD, Katharine L	Allegheny	SULKIN, MD, Mark W	Delaware
SCHWARTZ, MD, Heinz G	Philadelphia	SENDER, MD, Mark	Luzerna	SHAW, MD, Ralph A	Philadelphia	SULTZ, MD, Barry S	Berks
SCHWARTZ, MD, Henry J	Allagheny	SENDZIK, MD, Nestor I	Bucks	SHAWALUK, MD, Paul D	Philadelphia	SULTZ, MD, Lawis O	Schuylkill
SCHWARTZ, MD, Irving R	Philadelphia	SENIOW, MD, Raymond V	Laurance	SHEA, MD, Francis J	Philadelphia	SULTZ, MD, Margarits M	Lancaster
SCHWARTZ, MD, Jonathn	Westmoreland	SENITA, MD, G Robert	Allegheny	SHEAFFER, MD, Harold C	Oelawara	SULTZ, MD, Robert G	Lancaster
SCHWARTZ, MD, Joel D	Allegheny	SEO, MD, Jin S	Berks	SHEARBURN III, MD, Edwin W	Bucks	SULTZ, MD, Thomas L	Bucks
SCHWARTZ, MD, Joel L	Montgomery	SERABJIT-SINGH, MD, Jag D	Mckean	SHEARER, MD, Donald E	Lycoming	SUMAKER, MD, Douglas R	Franklin
SCHWARTZ, MD, Leonard	Allegheny	SERBER, MD, William	Philadelphia	SHEARER, MD, David M	York	SHUMAN, MD, Charles R	Philadelphia
SCHWARTZ, MD, Louis	Philadelphia	SERENE, MD, Harry E	Allagheny	SHECHTER, DO, Fredric M	Philadelphia	SHUMAN, MD, John F	Berks
SCHWARTZ, MD, Lauranca M	Philadelphia	SERFAS, MD, Lee S	Westmoreland	SHEEDRO, MD, Hactor	Blair	SHUMAN, MD, Nancy A	Berks
SCHWARTZ, MD, Louis W	Montgomery	SERGIE, MD, Aly	Blair	SHEEDY, MD, John G	Allegheny	SHUSTER, MD, Eugene	Philadelphia
SCHWARTZ, MD, Milton A	Bucks	SERGIE, MD, Aicha S	Allagheny	SHEEHAN, MD, John H	Adams	SHUSTER, MD, Harold F	Philadelphia
SCHWARTZ, MD, Norman A	Allagheny	SEROSKA, MD, Phillip J	Adams	SHEELY, MD, Raymond F	Luzerne	SHUSTERMAN, MD, Nail H	Montgomery
SCHWARTZ, MD, Pater L	Bucks	SERRA, MD, Robert M	Chester	SHEER, MD, George W	Lackawanna	SHUTTLEWORTH, MD, Lamont V	Westmoreland
SCHWARTZ, MD, Raymond	Philadelphia	SERVISS, MD, Allen R	Lycoming	SHEETS, MD, Everett O	Philadelphia	SHYAMALAN, MD, Jayalakshmi	Allegheny
SCHWARTZ, MD, Rauben B	Philadelphia	SERVOSS, MD, Spencer J	Lehigh	SHEETS, MD, James A	Lehigh	SHYAMALAN, MD, Nelliata C	Philadelphia
SCHWARTZ, MD, Robert P	Montgomery	SESSION, MD, William C	Berks	SHEFFER, MD, M Leonard	Berks	SHYNN, MD, Tae I	Lackawanna
SCHWARTZ, MD, Staphan L	Allegheny	SESSO, MD, Anna M	Fayette	SHELBY, MD, Joseph E	Philadelphia	SIA, MD, Jose K	Beaver
SCHWARTZ, MD, William J	Cantra	SESSOMS, MD, Frank E	Allegheny	SHELDON, MD, Douglas L	Lackawanna	SIAR, MD, William J	Jefferson
SCHWARZ, MD, Gabriel A	Philadelphia	SETH, MD, Prabhat	Allagheny	SHELLEY, MD, William L	Cumberland	SIBERSKI, MD, John R	Luzerne
SCHWARZSCHILD, MD, Walter	Philadelphia	SETH, MD, Rejendra N	Bradford	SHELLING, MD, Richard E	Bradford	SIBOLBORO, MD, Isabelo Z	Indiana
SCHWEIKLE, MD, Mary R	Lycoming	SETH, MD, Satish K	Lackawanna	SHELLMAN, MD, Alexander	Lackawanna	SICHER, MD, Bruno P	Mckean
SCHWEIZER, MD, Robert R	Berks	SETHAKAKI, MD, Somkiat	Susquahanna	SHELLY, MD, Robert M	Susquahanna	SICILIANO, MD, Ernest G	Philadelphia
SCHWENKER, MD, Edwards P	Dauphin	SETHI, MD, Baljeet S	Wyoming	SHELLY, MD, W Oayton	Northampton	SICKEL, MD, Edward F	Oauphin
SCHWERHA, MD, Joseph J	Allegheny	SETHI, MD, Surendra K	Washington	SHELLY, MD, Walter M	Berks	SIDOW, DO, William H	Fayette
SCHWERIN, MD, William F	Lehigh	SETO, MD, Harbert P	Philadelphia	SHEMANSKI, MD, Clem J	Allegheny	SIEBER, MD, William K	Allegheny
SCHWINGE, MD, Elaine A	Lackawanna	SETO, MD, Robert S	Lancaster	SHENKIN, MD, Henry A	Philadelphia	SIEGAL, MD, Edward I	Philadelphia
SCIALLA, MD, Salvatore J	Lancaster	SETTY, MD, Polepalli S	Centre	SHEPTAK, MD, Peter E	Erie	SIEGEL, MD, Alvin	Montgomery
SCIBAL, MD, Gary J		SEVENTKO, MD, Joseph M		SHEPARD, MD, Mostats			
SCIBETTA, MD, Mario P		SEVICK, MD, Myron E					

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SIEGEL, MD, Joseph F	Washington	SIRIBHADRA, MD, Marin	Westmoreland	SMITH, MD, Victoria T	Blair	SOSS, DO, Murray C	Philadelphia
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SIEGEL, MD, Robert A	Columbia	SIROTNAK, MD, John J	Lackawanna	SMITH, MD, William K	Allegheny	SOTODEHFAR, MD, Rahim	Allegheny
SIEGEL, MD, Seymour	Philadelphia	SIVAK, MD, Stanley J	Warren	SMITH, MD, Walter M	Bucks	SOTOS, MD, L Nicholas	Armstrong
SIEGEL, MD, William	Bucks	SIVENDRAN, MD, Tharmalingam,	Adams	SMITH, MD, William P	Cambria	SOTOS, MD, Steven N	Allegheny
SIEGELBAUM, MD, Steven P	Dauphin	SIVITZ, MD, Jay M	Philadelphia	SMITH, MD, William T	Allegheny	SOUDER, MD, C Lawrence	Lehigh
SIEGER, MD, Charles E	Lehigh	SIVITZ, MD, Marta E	Philadelphia	SMITH SR, MD, George S	Northampton	SOUDER, MD, Francis R	Bucks
SIEGFRIED, MD, Jay W	Philadelphia	SIVULICH, MD, Michael J	Cambria	SMOCK, MD, Richard A	Delaware	SOUDER, MD, Ronald L	Bucks
SIEGFRIED, MD, Myrtle M	Lehigh	SKETTINO, MD, Joseph A	Lackawanna	SMOLKO, MD, James R	York	SOUDERS, MD, Thomas B	Berks
SIEGLER, MD, Peter E	Philadelphia	SKEZAS, MD, Marion	Allegheny	SMOYER, MD, Ronald L	Cambria	SOULLIARD, MD, Donald H	Bucks
SIEGRIST, MD, J Donald	Lancaster	SKIENDZIELEWSKI, MD, John J	Montour	SMUKLER, MD, Nathan M	Philadelphia	SOULEN, MD, Renata L	Philadelphia
SIEPER, OO, William J	Cambria	SKINNER 3RD, MD, Robert W	Lancaster	SMULLENS, MD, Stanton M	Philadelphia	SOUMERAI, MD, Simon	Philadelphia
SIEPSE, MD, Steven B	Philadelphia	SKINNER, MD, Douglas V	Allegheny	SMYSER, MD, Gerald S	Montgomery	SOUNDARARAJAN, MD, Ranganatha	Lycoming
SIEWERS, MD, Chritiane	Allegheny	SKINNER, MD, Stephen R	Dauphin	SMYTH, MD, Lawrence T	Northampton	SOUSER, MD, Roslyn C	Montgomery
SIEWERS, MD, Ralph D	Allegheny	SKLAROFF, MD, David M	Philadelphia	SMYTH, MD, William T	Erie	SOVETSKY, DO, Charles L	Philadelphia
SIGLER, MD, Miles H	Philadelphia	SKLAROFF, MD, Robert B	Philadelphia	SNEDDEN, MD, Hal E	Montgomery	SOWERS, MD, John W	Franklin
SIGMUND, MD, William J	Lancaster	SKOLE, MD, Simon M	Lawrence	SNEFF, MD, Eugene M	Blair	SPAETH, MD, George L	Philadelphia
SIGNORELLA, MD, Louis	Washington	SKOLNICK, MD, Kenneth B	Allegheny	SNIDER, MD, B Leonard	Erie	SPAETH, MD, Philip G	Philadelphia
SIHA, MD, Victor L	Allegheny	SKOVIRA, MD, Edward M	Lackawanna	SNITZER, MD, Arnold J	Allegheny	SPAGNA, MD, Paschal M	Philadelphia
SIKER, MD, Ephraim S	Allegheny	SKOVRON, MD, Michael	Erie	SNODGRASS JR, MD, W Homer	Allegheny	SPAHR, MD, Robert C	Montour
SIKORSKY, MD, Phyllis J	Mifflin-Juniata	SKOWRONSKI, MD, Theodore J	Montgomery	SNOVER, MD, Seth W	Montour	SPANARD, MD, Russell A	Allegheny
SILBERG, MD, Samuel J	Lehigh	SKRENTA, MD, Richard J	Allegheny	SNOW JR, MD, James B	Philadelphia	SPANGLER, DO, Martin L	Berks
SILBERMAN, MD, Harvey D	Philadelphia	SKRENTNY, MD, Thomas T	Blair	SNOW, MD, Daniel S	Erie	SPANGLER, MD, John G	Montour
SILBERMAN, MD, Ira	Philadelphia	SKROMAK, MD, Stanley J	Philadelphia	SNOW, MD, Jon F	York	SPANNUTH, MD, John R	Berks
SILBERMAN, MD, J Dewoll	Lebanon	SKUTCHES, MD, Joseph M	Northampton	SNOW, MD, Laurence H	Philadelphia	SPANO, MD, Anaelmo V	Delaware
SILBERMAN, MD, Lealie J	Allegheny	SKVERSKY, MD, Norman J	Philadelphia	SNYDER III, MD, Howard Mcc	Philadelphia	SPANOGIANS, MD, Angelo J	Washington
SILBERMAN, MD, Robert M	Northampton	SKWEIR, MD, Leon A	Lehigh	SNYDER JR, MD, Charles F	Northampton	SPARK, MD, Isadore	Philadelphia
SILBERSTEIN, MD, Marsha M	Philadelphia	SKWIRUT, MD, Frank A	Delaware	SNYDER JR, MD, Charles P	Westmoreland	SPARTA, MD, Anthony J	Northampton
SILBERSTEIN, MD, Stephen D	Philadelphia	SLADKIN, MD, Arnold	Allegheny	SNYDER, MD, Alan I	Bucks	SPEACE, MD, George F	Luzerne
SILER, MD, Janel N	Philadelphia	SLADKIN, MD, Kenneth R	Bucks	SNYDER, MD, Albert J	Delaware	SPEAR, MD, Barbara A	Bucks
SILJOUINI, MD, John J	Philadelphia	SLAGLE, MD, Edward H	Allegheny	SNYDER, MD, Allen P	Allegheny	SPECTER, MD, Jacob	Philadelphia
SILK, MD, Raymond E	Philadelphia	SLAMOVITS, MD, Thomas L	Allegheny	SNYDER, MD, Barry J	Bucks	SPECTER, MD, Janet S	Philadelphia
SILLA, MD, Enrique B	Philadelphia	SLAP, MD, Joseph W	Philadelphia	SNYDER, MD, Dewey A	Philadelphia	SPECTOR, MD, Gus	Chester
SILLARS, MD, Charles H	Montgomery	SLATER, MD, Harvay	Allegheny	SNYDER, MD, Diehl M	Dauphin	SPECTOR, MD, Martin	Philadelphia
SILON, MD, Nathaniel	Lehigh	SLATER, MD, Robert	Delaware	SNYDER, MD, Earl J	Lebanon	SPECTOR, MD, Samuel S	Chester
SILVER, MD, Barry A	Montgomery	SLAYCOFF, MD, Alexander	Dauphin	SNYDER, MD, Harry D	Montgomery	SPEEDY, MD, Harry W	Westmoreland
SILVER, MD, Bruce G	Montgomery	SLAVIN, MD, James W	Philadelphia	SNYDER, MD, Harry I	Beaver	SPEER, MD, Andrew B	Allegheny
SILVER, MD, Barnice S	Philadelphia	SLAVKIN, MD, Marvin D	Allegheny	SNYDER, MD, Henry R	York	SPEERS, MD, Herbert K	Bucks
SILVER, MD, Daan R	Philadelphia	SLEASE, MD, Cyrus B	Armstrong	SNYDER, MD, John J	Dauphin	SPEIDEL, MD, Francis X	Chester
SILVER, MD, Frank	Philadelphia	SLEZAK, MD, Joseph A	Westmoreland	SNYDER, MD, John M	Northampton	SPELLER, MD, J Finton	Philadelphia
SILVER, MD, Lawrence B	Dauphin	SLIMMER JR, MD, Samuel C	Berks	SNYDER, MD, James V	Allegheny	SPENCER, MD, H Newton	Delaware
SILVER, MD, Laurence M	Montgomery	SLIWSKI, MD, Stanley J	Bucks	SNYDER, MD, Kerman	Philadelphia	SPEERLING, MD, Herbert V	Allegheny
SILVER, MD, Michael M	Philadelphia	SLOAN, MD, Charles R	Fayette	SNYDER, MD, Marvin C	Carbon	SPICER, MD, A Rosemary	Chester
SILVER, MD, Stephan C	Delaware	SLOAN, MD, Gerald H	Cambria	SNYDER, MD, M Wilson	Mercer	SPIEGEL, MD, Charles	Allegheny
SILVERBERG, MD, Bruce J	Lehigh	SLOANE, MD, Charles E	Westmoreland	SNYDER, MD, Richard C	Allegheny	SPIEGEL, MD, Daniel	Allegheny
SILVERBERG, MD, Jay H	Allegheny	SLOANE, MD, Norman G	Philadelphia	SNYDER, MD, Robert D	Montgomery	SPIEGEL, MD, Ernest A	Philadelphia
SILVERBERG, MD, Robert L	Berks	SLOANE, MD, Paul	Philadelphia	SNYDER, MD, Richard D	Berks	SPIGNER, MD, Donald W	Dauphin
SILVERBLATT, MD, Bernard L	Allegheny	SLOCUM, MD, Harold E	Northampton	SNYDER, MD, Robert L	Northampton	SPILLMAN, MD, Murray K	Lancaster
SILVERBLATT, MD, Marvin L	Allegheny	SLONE, MD, Jacob	Lackawanna	SNYDER, MD, Randall W	Lackawanna	SPILSBURY, MD, Paul R	Montour
SILVERIO, MD, John	Chester	SLOSS, MD, James O	Philadelphia	SNYDER, MD, Stuart	Philadelphia	SPINA JR, MD, Joseph	Delaware
SILVERMAN, MD, Alexander	Allegheny	SLOTNICK, MD, Victor B	Lehigh	SNYDER, MD, Stanley	Lehigh	SPINA, MD, Carmen M	Bulter
SILVERMAN, MD, Alan R	Allegheny	SLOVAK, MD, James P	Lackawanna	SNYDER, MD, William J	Allegheny	SPINA, MD, Nancy R	Butler
SILVERMAN, MD, Howard A	Lehigh	SLOVAK, MD, John P	Lancaster	SNYDERMAN, MD, Ruben	Allegheny	SPINNER, MD, Morton H	Monroe
SILVERMAN, MD, Jerry D	Allegheny	SMAHA, MD, Lynn A	Bradford	SNYDOMAN, MD, Leonard	Philadelphia	SPINNEY, MD, Carmen E	Lycoming
SILVERMAN, MD, Joseph S	Blair	SMALL, MD, Richard E	York	SOBIESKI, MD, Joseph	Cambria	SPINO, MD, Pascal D	Westmoreland
SILVERMAN, MD, Mendel	Allegheny	SMARR, MD, Erwin R	Washington	SOBOL, MD, Bernard H	Washington	SPIRO, DO, Authur W	Philadelphia
SILVERMAN, MD, Morton I	Lehigh	SMART, MD, Lawson C	York	SOCRATES, MD, Jesus F	York	SPITLER III, MD, William M	Lancaster
SILVERMAN, MD, Morton L	Lehigh	SMELTZER, MD, Kenneth L	Dauphin	SODEMAN, MD, William A	Philadelphia	SPITZ, MD, Eugene B	Philadelphia
SILVERMAN, MD, Robert B	York	SMILEY, MD, Joseph W	Delaware	SOFFE, MD, Alvin M	Philadelphia	SPITZER, MD, John J	Lackawanna
SILVERMAN, MD, William H	Northampton	SMINK JR, MD, Robert D	Delaware	SOFFER, MD, Marvin	Philadelphia	SPITZER, MD, Stanley	Philadelphia
SILVERMAN, MD, William S	Philadelphia	SMITH JR, MD, Benjamin V	Allegheny	SOISSON JR, MD, Ferdinand L	Cambria	SPIVACK, MD, Jack	Bucks
SILVERS, MD, Abigail A	Montgomery	SMITH JR, MD, George S	Lehigh	SOKALCHUK, MD, Andrew	Philadelphia	SPLENDIDO, MD, Joseph A	Philadelphia
SILVERS, MD, Arthur H	Delaware	SMITH JR, MD, Harry A	Luzerne	SOKOL, MD, Donald Z	Montgomery	SPOCK, MD, Nicholas	Northumberland
SILVERSTEIN, MD, Alexander	Philadelphia	SMITH JR, MD, J Stanley	Delaware	SOKOL, MD, Joaz H	Delaware	SPOEHR, MD, Luther W	Allegheny
SILVERSTEIN, MD, Alan J	Allegheny	SMITH JR, MD, James W	Armstrong	SOKOLOFF, MD, Mark I	Armstrong	SPOLL, DO, Edward A	Northampton
SILVERSTEIN, MD, Philip	Philadelphia	SMITH JR, MD, Morgan T	Philadelphia	SOKOLOFF, MD, Martin J	Philadelphia	SPONSER, MD, Rodney L	Blair
SILVERSTEIN, MD, Leslie B	Mckean	SMITH JR, MD, Perry C	Washington	SOLI, MD, Soleiman M	Philadelphia	SPOTTS, MD, R.cke L	Lebanon
SILVESTRI, MD, Archimede J	Philadelphia	SMITH JR, MD, Roas H	Allegheny	SOLIMAN, MD, Manal D	Philadelphia	SPRAGUE, MD, Grover J	York
SILVYS, MD, Harry J	Washington	SMITH JR, MD, Raymond M	Lehigh	SOLISH, MD, Lawrence	Philadelphia	SPRAGUE, MD, George S	Philadelphia
SIMAN, MD, Bernard	Philadelphia	SMITH JR, MD, Spencer R	Philadelphia	SOLIT, MD, Robert W	Philadelphia	SPRATT, MD, Robert H	Montgomery
SIMENHOFF, MD, Michael L	Philadelphia	SMITH, MD, Arthur E	Philadelphia	SOLL, MD, David B	Philadelphia	SPRECHER, MD, Omer J	Franklin
SIMENSON, MD, Robert A	Philadelphia	SMITH, MD, Arthur K	Philadelphia	SOLLER, MD, Herbert I	Philadelphia	SPRINGER, MD, Roy A	Dauphin
SIMITHRAARATCHY, MD, Chrisantha	Allegheny	SMITH, MD, A Mitchell	Philadelphia	SOLNICK, MD, Paul B	Philadelphia	SPRITZER, MD, Albert A	Allegheny
SIMMONDS, MD, Mary Anne	Dauphin	SMITH, MD, Austin T	Allegheny	SOLOFF, MD, Cynthia H	Allegheny	SPRITZER, MD, Susan M	Allegheny
SIMMONS, MD, Agnes H	Philadelphia	SMITH, MD, Albert T	Dauphin	SOLOMON, MD, Cynthia A	Dauphin	SPROCH, MD, Thomas M	Westmoreland
SIMMONS, MD, Vaughan P	Philadelphia	SMITH, MD, Burgess A	Huntingdon	SOLOMON, MD, Elias M	Lancaster	SPROWLS, MD, Jay R	Washington
SIMOES, MD, Antonio J	Montgomery	SMITH, MD, Barton L	Chester	SOLOMON, MD, Macy B	Adams	SQUADRITO, MD, James F	Delaware
SIMON, MD, Nicolas V	York	SMITH, MD, Cheater L	Lebanon	SOLOMON, MD, Solomon D	Philadelphia	SRIDHARA, MD, C	Philadelphia
SIMON, MD, William H	Philadelphia	SMITH, MD, C Stuart	Montgomery	SOLOMON, MD, Stephen J	Allegheny	SRINIVASAGAM, MD, Narasimman	Allegheny
SIMONCELLI, MD, Leonard R	Montgomery	SMITH, MD, Charles W	Dauphin	SOLOSKO, MD, David	Allegheny	SRITULANONDAH, MD, Nowararata	Lancaster
SIMONE, MD, Frank J	Allegheny	SMITH, MD, David A	Dauphin	SOLOW, MD, Irwin A	Allegheny	SRIVASTAVA, MD, Shaonath P	Cambria
SIMONIAN, MD, Simon J	Philadelphia	SMITH, MD, Donald C	Luzerna	SOLTER, MD, Alan W	Allegheny	SRIVATTANAKOMEN, MD, Supote	Washington
SIMONS, MD, Carl I	Bucks	SMITH, MD, Donald H	Northampton	SOLWAY, MD, Sydney A	Westmoreland	SRODES, MD, Charles H	Allegheny
SIMONS, MD, Howard M	Philadelphia	SMITH, MD, David J	Allegheny	SOMA, MD, Joseph J	Lackawanna	SRODES, MD, W Glenn	Allegheny
SIMONS, MD, William M	Monroe	SMITH, MD, Earl B	Allegheny	SOMANI, MD, Jagdish P	Allegheny	SROUJI, MD, Maurice N	Philadelphia
SIMONS, MD, William M	Philadelphia	SMITH, MD, Edgar C	Delaware	SOMASUNDARAM, MD, Anasuya	Northampton	SROUJI, MD, Samir J	Dauphin
SIMONSEN, MD, Ronald W	Warren	SMITH, MD, Eugene C	Lancaster	SOMERS, MD, Ernest E	Franklin	SRUR, MD, Jimmy S	Lebanon
SIMORA, MD, Felix S	Erie	SMITH, MD, Francis A	Allegheny	SOMERS, MD, Herbert J	Philadelphia	STA ROMANA, MD, Imael R	Lebanon
SIMPSON, MD, Joseph W	Philadelphia	SMITH, MD, Forrest F	Franklin	SOMERS, MD, Laurence A	Philadelphia	STABLE, MD, Jerome G	Northampton
SIMPSON, MD, Richard A	Beaver	SMITH, MD, Gary M	Luzerne	SOMERS, MD, Robert G	Philadelphia	STACHER, MD, Eric D	Greene
SIMPSON, MD, Roy W	Lackawanna	SMITH, MD, Glenn O	Allegheny	SOMERS, MD, William R	Lycoming	STACK, MD, William T	Philadelphia
SIMPSON, MD, Zachary A	Bucks	SMITH, MD, Glen T	Philadelphia	SOMERSET, DO, William D	Philadelphia	STACKHOUSE, MD, Duane E	Northampton
SINAICO, MD, Peter A	Bucks	SMITH, MD, Harold A	Lancaster	SOMMA, MD, Richard M	Luzerne	STACKOWSKI, MD, Maryjane	Union
SINCHIOCO, MD, Celerino S	Allegheny	SMITH, MD, Henry F	Luzerne	SOMMARIPA, MD, Amory M	Philadelphia	STACKS JR, MD, Jacob C	Dauphin
SINCLAIR, MD, Catherine P	Greene	SMITH, MD, Ivan S	Montgomery	SOMMER, MD, John T	Delaware	STADER, MD, Richard O	Franklin
SINCLAIR, MD, Michael C	Lehigh	SMITH, MD, Jay D	Dauphin	SOMMERFELD, MD, James P	Lawrence	STADTMILLER, MD, Richard J	Cambria
SINCLAIR, MD, Sydney E	Lycoming	SMITH, MD, Jack D	Westmoreland	SOMMERS, MD, Elmo B	Montgomery	STAFFORD, MD, Calvin R	Delaware
SINGER, MD, Barry L	Montgomery	SMITH, MD, James M	York	SOMMERVILLE, MD, Kenneth W	Lebanon	STAFFORD, MD, John M	Dauphin
SINGER, MD, Edward S	Philadelphia	SMITH, MD, John M	Allegheny	SOMBOLIAN, MD, Nasar	Allegheny	STAFFORD, MD, Regis W	Allegheny
SINGER, MD, Irvin	Philadelphia	SMITH, MD, Jere P	Bucks	SONDER, MD, Healer M	Bucks	STAHL, MD, Robert W	Dauphin
SINGER, MD, William H	Lehigh	SMITH, MD, James W	Philadelphia	SONDER, MD, Max J	Philadelphia	STAHL, MD, Dale C	Dauphin
SINGH, MD, Arvind K	Lackawanna	SMITH, MD, John W	Allegheny	SONDHEIMER, MD, Steven J	Philadelphia	STAHLMAN, MD, Frederick B	Clarion
SINGH, MD, Ajay P	Somerset	SMITH, MD, J Winslow	Delaware	SONG, MD, Michaela C	Philadelphia	STAHLMAN, MD, Roy A	Lancaster
SINGH, MD, Bijai B	Indiana	SMITH, MD, Kaighn	Philadelphia	SONG, MD, Steven S	Montgomery	STAHLNECKER, MD, C Stephen	Delaware
SINGH, MD, Dilbagh	Mckean	SMITH, MD, Keith B	Mercer	SONG, MD, Sang W	Bucks	STAINBACK, MD, William C	Montgomery
SINGH, MD, Datar	Allegheny	SMITH, MD, Maria B	Delaware	SONG, MD, Yung Doo	Philadelphia	STALEY, MD, Joseph C	Allegheny
SINGH, MD, Gurcharan	Philadelphia	SMITH, MD, Ora R	Philadelphia	SONG, MD, Young J	Westmoreland	STALEY, MD, Robert W	Allegheny
SINGH, MD, Geeta	Allegheny	SMITH, MD, Robert A	Delaware	SONGSANAND, MD, Prachark	Allegheny	STALTER, MD, Ralph J	Allegheny
SINGH, MD, Gurdial N	Northumberland	SMITH, MD, Russell C	Chester	SONI, MD, Ashok	Mckean	STAMAN, MD, Harry	Fayette
SINGH, MD, Harcharan	Chester	SMITH, MD, Russell G	Allegheny	SONNE, MD, John C	Philadelphia	STAMATAKOS, MD, Michael J	Lehigh
SINGH, MD, Kripa S	Erie	SMITH, MD, Robert G	Warren	SONNEBORN, MD, Duane G	Philadelphia	STAMM, MD, Barry D	Erie
SINGH, MD, Sawraj	Montgomery	SMITH, MD, Richard H	Chester	SONTHEIMER, MD, Gary G	Fayette	STANCOMBE, MD, Wealey R	Northampton
SINGLEY, MD, Thomas L	Beaver	SMITH, MD, Raymond L	Berks	SOOHO, MD, Aian M	Philadelphia	STANEK, MD, Marjorie A	Philadelphia
SINGZON, MD, Jaime M	Northumberland	SMITH, MD, Roger M	Montgomery	SORARUF IV, MD, Louis P	Chester	STANEK, MD, Robert H	Allegheny
SINHA, MD, Asok K	Cambria	SMITH, MD, Roy M	Allegheny	SORANSEN, MD, Allrad L	Washington	STANITSKI, MD, Carl L	Allegheny
SIPES, MD, William U	Westmoreland	SMITH, MD, Randall N	Philadelphia	SORICELLI, MD, Richard R	Elk-Cameron	STANKOVIC, MD, Ljubia	Dauphin
		SMITH, MD, Ralph W	Philadelphia		Delaware		

STANTON JR, MD, John J	Philadelpha	STEWART, MD, Paul F	Montgomery	SUAREZ, MD, Ramon U	Lebenon	TAFFLIN, DO, Dennis H	Bucks
STANTON JR, MD, James N	Allagheny	STEWART, MD, Richard P	Dauphin	SUATONI JR, MD, Frenk J	Allagheny	TAFTAF, MD, Moheemad O	Lazance
STANULONIS, MD, Stenley W	Schuylkill	STEWART, MD, Thomas A	Berks	SUBBIAH, MD, Theuereya N	Butler	TAGGART, MD, George W	Luzarne
STAPINSKI, MD, Cyril C	Lancaster	STEWART, MD, William D	Allagheny	SUFIAN, MD, Shakaeb	Philadelpha	TAGIZADIEH, MD, Hebib	Mckeen
STAPLES, MD, Hermen D	Delaware	STEWART, MD, William P	Philadelpha	SUGAR, MD, Miklos	Delawara	TAIT, MD, Edwin C	Montgomery
STAPP, MD, Herriet L	Montgomery	STEWART, MD, William W	Philadelphie	SUGARMAN, MD, Semuel	Philadelphie	TAITELBAUM, MD, Ben	Allegheny
STARER, MD, Lerrimora J	Dalawara	STICK, MD, Edward W	York	SUGDEN, MD, William A	Bucks	TAKACH, MD, Stephen J	Indiana
STARKEY, MD, Relph H	Montour	STICK, MD, W Deheven	York	SUGIURA, MD, Hanny T	Philadelphie	TAKEDA, MD, Mieso	Philadelphie
STARKEWEATHER, MD, George A	Dalawara	STIEF, MD, Micheel J	Northumberland	SUGIURA, MD, Sumiko M	Philadelphie	TALBOT JR, MD, Timothy R	Philadelphie
STAROSCI, MD, Rudolt N	Philadelphie	STIEGEL, MD, Robert M	Beever	SUH, MD, Seng J	Lackawanna	TALBOT, MD, Shelagh K	Lehigh
STARR, MD, Albert M	Erie	STIERSTORFER, MD, Max J	Lehigh	SUK, MD, Jin H	Vanango	TALBOTT, MD, John B	Allegheny
STARR, MD, Isaac	Philadelphie	STIFEL, MD, Elizabeth N	Allegheny	SUKANICH, MD, Kriengsak	Allegheny	TALL, MD, Milton G	Allegheny
STARRELS, MD, Micheel E	Bucks	STIFFEL, MD, Arthur	Philadelphie	SUKAROCHANA, MD, Kemthorn	Allegheny	TALLMAN, MD, Edwin H	Berks
STARRELS, MD, Sidney H	Philadelphie	STIFFEL, MD, Jarry	Philadelphie	SULLESTA, MD, Rene O	Mercer	TAMA, MD, Lawrence	Bradford
STARSNIC, MD, Mary A	Philadelphie	STILL, MD, George J	Mckeen	SULLIVAN JR, MD, Howard E	Montgomery	TAMAKI, MD, Hitohai T	Montgomery
STARUNKO, MD, Besilio	Philadelphie	STILLEY, MD, John W	Westmoreland	SULLIVAN, MD, Daniel R	Allegheny	TAN JR, MD, Remon N	Cambria
STARZ, MD, Tarenca W	Allegheny	STINELY, MD, Regis W	Washington	SULLIVAN, MD, Edward M	Delaware	TAN, MD, Antonius H	Lehigh
STASCHAK, MD, Michael C	Allegheny	STITT, MD, Donel G	Mercer	SULLIVAN, MD, John M	Dauphin	TAN, MD, Isabel G	Mercer
STASIK JR, MD, John J	Lehigh	STITT, MD, Hugh I	Armstrong	SULLIVAN, MD, Lawranca X	Allegheny	TAN, MD, Josephine C	Philadelphie
STAUB JR, MD, Cerl A	Delawere	STITZEL, MD, Elwood W	Bleir	SULLIVAN, MD, William A	Dauphin	TAN, MD, Lien K	Carbon
STAUFFER, MD, Herold E	Lancaster	STOCK, MD, Donel H	Philadelphie	SULLIVAN, MD, William H	Philadelphie	TAN, MD, Myrna M	Philadelphie
STAUFFER, MD, Stenley S	Northampton	STOCKDALE, MD, Robert H	Armstrong	SULLUM, MD, Jonalhan C	Lackawanna	TAN, MD, Tieuw-Ling	Dauphin
STAVRIDES, MD, Alexander	Allegheny	STOFMAN, MD, Henry C	Philadelphie	SULTZ, DO, Mervin E	Philadelphie	TAN, MD, Wilfrado S	Erie
STEC, MD, Eugene G	Lackawanna	STOKER, MD, John W	Bleir	SUMMERS, MD, Devid S	Erie	TAN, MD, Yoke Y	Dauphin
STECKEL, MD, Donald C	Union	STOKES, MD, Louis C	Chastar	SUMMERS, MD, Kermit L	Lancaster	TANANIS, MD, Anthony A	York
STEED, MD, David L	Allegheny	STOKES, MD, Ranjan	Philadelphie	SUMMERS, MD, Willem K	Allegheny	TANANIS, MD, Leonard J	Schuylkill
STEEL, MD, Howard H	Philadelphie	STOLLER, MD, Ronald G	Allagheny	SUMMONS, MD, Howard J	Berks	TANCOR, MD, Benito	Philadelphie
STEELE, MD, John E	Carbon	STOLOFF, MD, Irwin L	Philadelphie	SUNMER, MD, Harold R	Lawrence	TANDON, MD, Davinder L	Allegheny
STEELE, MD, John F	Mercer	STOLTZFUS, MD, Elem R	Union	SUN, MD, Elizabeth A	Philadelphie	TANNEHILL, MD, Norman B	Allagheny
STEELE, MD, Logen H	Allegheny	STOLTZFUS, MD, Virgil D	Lancaster	SUN, MD, Evelyn L	Philadelphie	TANNENBAUM, MD, Philip J	Philadelphie
STEELE, MD, R Edwerd	Dauphin	STOLZ, MD, John C	Berks	SUNDERLIN JR, MD, Fraderick S	Montour	TANNER, MD, Leonard M	Lebenon
STEEN, MD, Oliver T	Allegheny	STOLZ, MD, Jonethen L	Berks	SUNDERMAN, MD, F William	Philadelphie	TANNING, MD, Howard M	Allegheny
STEERMAN, MD, Paul H	Philadelphie	STOLZ, MD, Peul K	Berks	SUNDHEIM, MD, James L	Lackawanna	TANRIBILIR, MD, Abdul K	Columbia
STEFFENS, MD, Arnold O	Montgomery	STOLZER, MD, Bertrend L	Allegheny	SUNDMAKER, MD, Wilfried K	Delaware	TANTISIRA, MD, Boonrak	Allegheny
STEFFY, DO, Herry L	Lancaster	STONE JR, MD, Charles S	Allegheny	SUNDT, MD, Linda M	Philadelphie	TANTISIRA, MD, Somphong	Westmoreland
STEG, MD, Joseph	Montgomery	STONE, MD, Hrant H	Philadelphie	SUNG, MD, Chun M	Allegheny	TANTUM, MD, Kermit R	Dauphin
STEGURA, MD, Barney A	Luzerne	STONE, MD, Relph E	Fayette	SUNG, MD, Peul P	Lawrence	TANYOL, MD, Hasib	Montgomery
STEIDL, MD, Daniel L	Lycoming	STONE, MD, Robert K	Montgomery	SUPPA, MD, Osvaldo S	Erie	TAPYRIK, MD, Nicholas	Beever
STEIGER III, MD, William A	Philadelphie	STONE, MD, William A	Allegheny	SURAMPUDI, MD, Remana K	Allegheny	TARROW, MD, Arthur B	Philadelphie
STEIGERWALT, MD, John L	Montgomery	STONE, MD, Walker H	Lycoming	SURREY, MD, Leslie P	Lancaster	TART JR, MD, Braston I	York
STEIKER, MD, Daniel D	Philadelphie	STONER JR, MD, Robert R	Dauphin	SURRY, MD, John H	Philadelphie	TASMAN, MD, William S	Philadelphie
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STEIN, DO, Jack M	Delawere	STONER, MD, John C	Dauphin	SUSEN, MD, Anthony F	Dauphin	TATE, MD, J Harrison	Erie
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STEIN, MD, Alen H	Cembrie	STONER, MD, Paul S	Dauphin	SUSSMAN, DO, Gerry P	Bucks	TATNALL, MD, Philip R	Lycoming
STEIN, MD, Bernerd B	Philadelphie	STONER, MD, Robert E	Lancaster	SUSSMAN, MD, David	Lehigh	TATTERSALL, MD, Herold A	Monroe
STEIN, MD, Eleanor R	Dauphin	STOREY, MD, Petrick B	Philadelphie	SUSSMAN, MD, Marcal S	Philadelphie	TATU, MD, William F	Berks
STEIN, MD, Franklin M	Philadelphie	STORM, MD, Charles T	Dalawara	SUSSMAN, MD, Nathan	Dauphin	TAUBER, MD, Joseph B	Allegheny
STEIN, MD, George N	Philadelphie	STOTE, MD, Robert M	Philadelphie	SUSSMAN, MD, Sylvia	Lehigh	TAUBER, MD, Robert	Philadelphie
STEIN, MD, Herbert	Philadelphie	STOTLER, MD, Charles W	Cambria	SUTER, MD, Herry J	Lycoming	TAUBER, MD, Stanley A	Philadelphie
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STEIN, MD, Netelio	Philadelphie	STOUT, MD, William J	Lencaatar	SUTLIFF, MD, Frederick P	Montgomery	TAVARIA, MD, Soli F	Schuylkill
STEIN, MD, Richard N	Northempton	STOVER, MD, Donald L	Cambrie	SUTNICK, MD, Alton I	Philadelphie	TAVOULARIS, MD, Merjorie O	Allegheny
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STEIN, MD, Robert S	Northempton	STRALEY, MD, Richard K	Lycoming	SUTTON JR, MD, John C	Beavar	TAYLOR III, MD, James S	Dauphin
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STEIN, MD, Samuel C	Philadelphie	STRASSMAN, MD, Jack	Blair	SUTTON, MD, Paul L	Montour	TAYLOR JR, MD, Fred R	Warran
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STEINBACH III, MD, William A	Lackewanna	STRAUB, MD, Russell E	Berks	SUTULA, MD, Joseph A	Lackawanna	TAYLOR, MD, Ann G	Philadelphie
STEINBERG, MD, Arthur	Philadelphie	STRAUS, MD, Russell E	Philadelphie	SUVARNAKAR, MD, Jawahar N	Jefferaon	TAYLOR, MD, Arthur R	Lycoming
STEINBERG, MD, Abraem	Allagheny	STRAUS JR, MD, Joseph F	Berks	SUWAN, MD, Manee	Berks	TAYLOR, MD, Daniel B	Philadelphie
STEINBERG, MD, Joel S	Philadelphie	STRAUSE, MD, Herold L	Berks	SUWANSIRIKUL, MD, Nipepen	Armstrong	TAYLOR, MD, Devid D	Philadelphie
STEINBERG, MD, Marvin E	Philadelphie	STRAUSS, MD, Melvin	Dauphin	SUWANSIRIKUL, MD, Sekkidaj	Armstrong	TAYLOR, MD, Herry E	Mckeen
STEINBERG, MD, Nathan	Philadelphie	STRAUSS, MD, Robert D	Lehigh	SWAMIDOSS, MD, Stephansons S	Dauphin	TAYLOR, MD, Jecqualina	Philadelphie
STEINBERG, MD, Semuel	Philadelphie	STRAUSS, MD, Richard E	Bucks	SWAMY, MD, Chendra S	Allegheny	TAYLOR, MD, James A	Monroe
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STEINBRINK, MD, William H	Erie	STRAX, MD, Thomas E	Philadelphie	SWAN, MD, Theodore H	Montgomery	TAYLOR, MD, Raymond A	York
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STEVENSON, MD, Peter T	Allegheny	STUDDIFORD, MD, James S	Philadelphie	SZYPULSKI, MD, Helen F	Franklin	THAKARAR, MD, Pushpa	Chestar
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STEVENSON, MD, Robert E	Dauphin	STUPNIKER, MD, Some	Philadelphie			THAMES, DO, Richerd	Jefferson
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STEWARD JR, MD, Robert E	Centre	STURGIS, MD, Katherine R	Philadelphie			THEERAKULSTIT, MD, Virechai	Allagheny
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STEWART, MD, Alaxender	Franklin	STUTZ, MD, Mertin	Washington			THEUERKAUF JR, MD, Frank J	Erie
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STEWART, MD, Donald J	Allegheny	STYPLA, MD, Richard W	Mercer			THIERS, MD, George F	Allagheny
STEWART, MD, H William	Huntingdon	SU, MD, Chao C	Philadelphie			THOMA, MD, George M	Allegheny
STEWART, MD, Mervin S	Allegheny	SU, MD, Lang-Peo	Lackawanna			THOMAS JR, MD, David W	Clinton
STEWART, MD, Petricie E	Montgomery	SU, MD, Shyh-Min	Allegheny			THOMAS JR, MD, Frank W	Allegheny

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TABOR, MD, Emmenual J	Allegheny	TACHOVSKY, MD, Thomas J	Northampton	TAEFFNER, MD, John H	Philadelphie		

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THOMAS JR, MD, Harold D	Beaver	TONG, MD, Shiu Y	Philadelphia	TULSKY, MD, Emanuel G	Philadelphia	VAMADEVAMURTHY, MD,	
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THOMAS, MD, Albert M	Luzerne	TONSEY, MD, Habib	Philadelphia	TURBESSI, MD, Albert J	Warren	VANDAMIA, MD, Donald N	Erie
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THOMAS, MD, Carmen C	Philadelphia	TOOZE, MD, Frank M	Erie	TUREL, MD, Stanley E	Northampton	VANDENNOORT, MD, Gordon	Montgomery
THOMAS, MD, Chester G	Dauphin	TOPEZER, MD, Betty C	Erie	TURMAN, MD, Christopher	Philadelphia	VANDERBEEK, MD, Richard R	Bucks
THOMAS, MD, Christopher W	Crawford	TORAKI, MD, William	Bucks	TURNBLACER, MD, Charles B	Buller	VANDERLIN, MD, Robert L	Lycoming
THOMAS, MD, Eugene L	Philadelphia	TORI, MD, Joseph N	Chester	TURNER, MD, Joseph	Allegheny	VANDERVEER, MD, Joseph B	Montgomery
THOMAS, MD, F Ardell	Tioga	TORIN, MD, Jack E	Allegheny	TURNER, MD, J Ellis	Delaware	VANDYK, MD, Klaas	Westmoreland
THOMAS, MD, George P	Carbon	TORIO, MD, Reyneldo M	Westmoreland	TURNER, MD, Keith S	Northampton	VANETTE, MD, Bruce B	Delaware
THOMAS, MD, Harry L	Philadelphia	TORNAY, MD, Anthony S	Philadelphia	TURNER, MD, Morris E	Allegheny	VANGIESEN, MD, Peter J	York
THOMAS, MD, Harold W	Westmoreland	TORNETTA, MD, Frank J	Allegheny	TURNER, MD, Oliver E	Allegheny	VANKIRK JR, MD, John S	Allegheny
THOMAS, MD, Henry W	Allagheny	TORONTO JR, MD, Nicholes A	Allegheny	TURNER, MD, Verna V	Cambris	VANKIRK, MD, James K	Franklin
THOMAS, MD, James H	Westmoreland	TORP, MD, Richard P	Cambria	TURNER, MD, Wayne E	Columbia	VANLUM, MD, Emily L	Philadelphia
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THOMAS, MD, John W	Allegheny	TORRANCE, MD, Edward G	Delaware	TURNS, MD, Michael J	Lackawanna	VANSANT, MD, Alan E	York
THOMAS, MD, Merle J	Blair	TORRES, MD, Flora M	Bedford	TURSKI, MD, Joseph J	Philadelphia	VANSCOTT, MD, Eugene J	Montgomery
THOMAS, MD, Nathan O	Somerset	TORRES, MD, Robin G	Bedford	TURSKY, MD, Rosemarie J	Dauphin	VANSTRIEN, MD, Adrien R	Washington
THOMAS, MD, Thomas	Venango	TORRES, MD, Victor L	Philadelphia	TURTZO, MD, Douglas F	Northampton	VARADA, MD, Krishna V	Lancaster
THOMAS, MD, Thomas K	Elk-Cameron	TORRETTI, MD, Dennis	Montour	TUSHIM, MD, Joseph N	Blair	VARANO, MD, Lottie A	Dauphin
THOMPSON, MD, C Fred	Northampton	TORREY, MD, Edwin H	York	TUTHILL, MD, Charles W	Allegheny	VARANO, MD, Vincent J	Montour
THOMPSON, MD, Charles M	Philadelphia	TOSO, MD, Gianfranco F	Berks	TUTTLE, MD, Alfred	Allegheny	VARCELOTTI, MD, Jorge R	Erie
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THOMPSON, MD, David I	Cumberland	TOUCH, MD, Ralph J	Lackawanna	TWAL, MD, Shafic Y	Indiana	VARE JR, MD, Victor B	Montgomery
THOMPSON, MD, Dan R	Allegheny	TOURTELLOTT, MD, Charles D	Philadelphia	TWARDY, MD, Bernadetta E	Philadelphia	VARGA, MD, Arthur B	Fayette
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THOMPSON, MD, Herbert	Allegheny	TOWNES, MD, Howard E	Philadelphia	TWERSKI, MD, Abraham J	Allegheny	VARLEY, MD, William J	Allegheny
THOMPSON, MD, Harry J	Armstrong	TOWNSEND, MD, Jay A	Cumberland	TWIGGAR II, MD, Edward V	Northumberland	VARNER, MD, Lewis R	Clerion
THOMPSON, MD, John E	Warren	TRACHTE, MD, Thomas P	Berks	TY, MD, James S	Bradford	VASA, MD, Mark A	Berks
THOMPSON, MD, James S	Allegheny	TRACHTENBERG, MD, Harry B	Chester	TYLER, MD, George	Northampton	VASILE, MD, David B	Northampton
THOMPSON, MD, John W	Allegheny	TRACHTENBERG, MD, Lee A	Allegheny	TYMON, MD, Timothy P	Lancaster	VASQUEZ, MD, Ramon A	Allegheny
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THOMPSON, MD, Mark E	Allegheny	TRACY, MD, Gerald P	Lackawanna	TYSON, MD, Robert G	Allegheny	VASSALLUZZO, MD, Julio E	Bucks
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THOMPSON, MD, William W	Elk-Cameron	TRAUM, MD, Ronald E	Philadelphia			VASUDEVAN, MD, Gopalan	Lycoming
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THORP, MD, T Remsey	Philadelphia	TREDWAY, MD, John B	Allegheny			VEENIS, MD, Cornelius Y	Blair
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THORSEN JR, MD, William B	Philadelphia	TREIDEL, MD, Ernest E	Bucks			VEJVBONSOM, MD, Pittaya	Union
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TINDALL, MD, Herbert L	Lancaster	TROMMER, MD, Philip R	Allegheny			VICK, MD, Edward H	Carbon
TINNEY JR, MD, William S	Monroe	TROMPETER, MD, Joseph I	Allegheny			VICKERS, MD, Curtis W	Philadelphia
TINSLEY, MD, John P	Philadelphia	TRONCELLITI, MD, Alfred E	Allegheny			VICTOR, MD, Mark F	Philadelphia
TINSMAN, MD, J Herbert	Allegheny	TRONCELLITI, MD, Edward A	Allegheny			VICTORIA, MD, Nenita V	Philadelphia
TIO, MD, Tiong O	Allegheny	TRONCELLITI, MD, Manrico A	Westmoreland			VIDELL, DO, Jerry S	Lehigh
TIPPING, MD, James S	Philadelphia	TRONCELLITI, MD, Mario V	Philadelphia			VIECHNICKI, MD, Michael B	Chester
TIRACCHIA, MD, Joseph	Erie	TROUT, MD, John A	Lehigh			VIEK, MD, Nicholas F	Lehigh
TIROL, MD, Francisco T	Allegheny	TROUT, MD, Robert G	Philadelphia			VIGILANTE, MD, Cheryl A	Monroe
TISHERMAN, MD, Samuel E	Allegheny	TROXEL, MD, Richard S	Luzerne			VIGLIONE, MD, Joseph P	Monroe
TITCHWORTH, MD, Roy L	Philadelphia	TROYAL, MD, Beatrice P	Bucks			VIKOREN, MD, Farah H	Bucks
TITUS, MD, Leborde	Delaware	TRUCKENMILLER, MD, George A	Allegheny			VILLA, MD, Francisco B	Potter
TOBIA, MD, Enio W	Montgomery	TRUE, MD, A Curtis	Allegheny			VILLANOS, MD, Jesus M	Erie
TOBIAS, MD, Richard B	Lycoming	TRUEMAN, MD, Robert H	Philadelphia			VILLASIN, MD, Joseph V	Lackawanna
TOBIN, MD, James V	Philadelphia	TRUITT JR, MD, R Marshall	Chester			VILLAVENCIONOCHE, MD, Lydia L	Fayette
TODARO, MD, Samuel R	Leckawanne	TRUITT, MD, George W	Bucks			VILLEGAS, MD, Antonio C	Montgomery
TODHUNTER, MD, William D	Lycoming	TRUJILLO, MD, Hernando	Dauphin			VILLEGAS, MD, Emilio	Westmoreland
TOLAND, MD, Joseph C	Philadelphia	TRUMP, MD, David H	Allegheny			VILLELLA, MD, Edward R	Allegheny
TOLAT, MD, Pratima R	Philadelphia	TRUSCOTT, MD, William R	Allegheny			VILSACK, MD, G Rey	Allegheny
TOLEDO, MD, Francieco L	Butler	TRUTER, MD, Carl W	Allegheny			VIN, MD, Prakash K	Westmoreland
TOLENTINO, MD, Julien C	Bucks	TRUTER, MD, Edmund F	Allegheny			VINCENT, MD, Joseph E	Lehigh
TOLENTINO, MD, Pablio C	Allegheny	TSAL, MD, Edward M	Allegheny			VINER, MD, Edward D	Philadelphia
TOLENTINO, MD, Wilfrido F	Delaware	TSAL, MD, Jer-Yuem	Jefferson			VINH, MD, Dsi	Allegheny
TOLHURST, MD, Kirk D	Blair	TSAL, MD, Ming-Sheng	Erie			VIOLAGO, MD, Eduardo S	Dauphin
TOLIS, MD, Basile D	Philadelphia	TSAL, MD, Ming C	Jefferson			VIOZZI, MD, Francis J	Montour
TOLLETT, MD, Charles A	Allegheny	TSAL, MD, Yung-Hsien	Mercer			VIRGILIO, MD, Lawrence A	York
TOLOFF, MD, Edward M	Montgomery	TSAL, MD, Yu J	Montgomery			VISPERAS, MD, Emiliane P	Northampton
TOLSCICK, MD, Richard Z	Fayette	TSAY, MD, Chi L	Philadelphia			VISPERAS, MD, Mero F	Carbon
TOLSTOI, MD, George	Philadelphia	TSOUTSOPLIDES, MD, George C	Columbia			VITALE, MD, Louis J	Lackawanna
TOM, MD, Lawrence W	Allegheny	TSUNG, MD, Wen-Han	Beaver			VITORI, MD, Eugene F	Westmoreland
TOMARELLI, MD, Raymond C	Philadelphia	TUCH, MD, Arthur F	Delaware			VITONE, MD, Ronald B	Bucks
TOMASELLO, MD, Donald N	Beaver	TUCHINDA, MD, Jalit	Allegheny			VIZER, MD, Mark B	Chester
TOMASI, MD, Samuel J	Westmoreland	TUCHINDA, MD, Kenchans V	Chester			VLACHOS, MD, Vasilius A	Bucks
TOMCI, MD, George E	Cambria	TUCKER, MD, Thomas W	Philadelphia			VOCI, MD, Gerardo	Philadelphia
TOMHAVE, MD, Robert H	Berks	TUCKMAN, MD, David J	Allegheny			VOGELIN, MD, Adrian W	Armstrong
TOMKIEWICZ, MD, Theddeus J	Allegheny	TUDDENHAM, MD, William J	Philadelphia			VOGAN, MD, Clifford R	Beaver
TOMLEY, MD, John E	Schuylkill	TUFFIASH, MD, William A	Lehigh			VOGEL JR, MD, Julius A	Delaware
TOMLIN, MD, Joseph G	Delaware	TUFF, MD, Louis	Philadelphia				
TOMLINSON, MD, John W	Bucks	TUKANOWICZ, MD, Stanislaw A	Cambria				
TOMLINSON, MD, William B	Lehigh	TULL, MD, John W	York				
TOMPA, MD, Alexander F	Montgomery	TULLAI, MD, John	Delaware				
TOMPKINS, MD, H Ernest	Philadelphia						
TONDREAU, MD, Roderick L							

WILKERSON, MD, Joseph L	Delaware	WITHERS, MD, Donald E	York	WRIGHT, MD, Thomas S	Montgomery	ZACKAI, MD, A Hertaal	Philadelphia
WILKINS, MD, Byron D	Lehigh	WITHERSPOON, MD, John S	Allegheny	WRIGHT, MD, William C	Columbia	ZADECKY, MD, Leonard B	Washington
WILKINS, MD, Daniel M	Allegheny	WITHERSPOON, MD, Robert G	Westmoreland	WRIGHT, MD, William R	Lewrence	ZAHEH, MD, Mehdi L	Erie
WILKINS, MD, Warren M	Blair	WITKIN, MD, Evelyn D	Montgomery	WROBLESKI, MD, Harry F	Allegheny	ZAEPFEL, MD, Joseph P	Lancaster
WILKINSON, MD, David M	Montour	WITKOWSKI, MD, Joseph A	Philadelphia	WU, MD, Chau H	Elk-Cameron	ZAFAR, MD, Ghafer A	Schuylkill
WILKINSON, MD, Harold A	Delaware	WITKOWSKI, MD, Joseph L	Chester	WU, MD, Chung H	Philadelphia	ZAFAR, MD, Syed A	Allegheny
WILKINSON, MD, John H	Allegheny	WITMAN JR, MD, H John	Bucks	WU, MD, Jun-Yi	Lackawanna	ZAFAR, MD, Taseem S	Washington
WILKINSON, MD, Rosalise H	Delaware	WITMER, MD, Donald B	Lancaster	WU, MD, Shin S	Greene	ZAGER, MD, Ruth P	Philadelphia
WILKINSON, MD, William H	Delaware	WITMER, MD, Robert H	Lancaster	WULFMAN, MD, William A	Crawford	ZAHORCHAK, MD, Joseph A	Allegheny
WILKOS, MD, Francis J	Erie	WITOWSKI, MD, John J	Lackawanna	WUMMER, MD, Brien A	Berks	ZAIDAN, MD, Fred	Westmoreland
WILKS, MD, David H	Allegheny	WITT, MD, D Ernest	Columbia	WUNDERLICH JR, MD, J Andreas	Allegheny	ZAIDAN, MD, James G	Fayette
WILLARD, MD, Samuel B	Bucks	WITTELS, MD, Emanuel	Berks	WURTELE, MD, Lester H	Philadelphia	ZAINO, MD, Richard J	Dauphin
WILLENS, MD, John S	Chester	WITTHOFF JR, MD, Elmer M	Lycoming	WUSTROW, MD, Heinz J	Blair	ZAITOON, MD, Mohammad M	Westmoreland
WILLIAMS JR, MD, Gomer T	Bucks	WITTING, MD, Robert L	Allegheny	WUSTYLO, MD, Michael	Allegheny	ZAJAC, MD, Barbara A	Montgomery
WILLIAMS JR, MD, Philip D	Allegheny	WITTMAN, MD, Paul C	Philadelphia	WYMER, MD, Ralph M	Butler	ZAKHARY, MD, George S	Schuylkill
WILLIAMS JR, MD, Richard B	Franklin	WODNICKI, MD, Moises	Washington			ZAKRESKI, MD, Matthew J	Philadelphia
WILLIAMS, MD, Barbara J	Montgomery	WOERTHWEIN, MD, Kenneth F	York			ZALADONIS, MD, Joseph P	Lahigh
WILLIAMS, MD, Burton L	Delaware	WOHL, MD, George T	Philadelphia			ZALADONIS, MD, Sylvia P	Lahigh
WILLIAMS, MD, Claude M	Delaware	WOHL, MD, Milton A	Philadelphia			ZALAMEA, MD, Pelronio F	Beaver
WILLIAMS, MD, Charles R	Adams	WOJCIAK, DO, Raymond J	Allegheny			ZALE, MD, Anthony G	Lackawanna
WILLIAMS, MD, David O	Lahigh	WOJTOVYCH, MD, Mykole	Philadelphia			ZAMBARANO, MD, Thomas J	Dauphin
WILLIAMS, MD, F Marien	Philadelphia	WOLBACH JR, MD, Albert B	Lancaster			ZAMBELLI JR, MD, George R	Beaver
WILLIAMS, MD, Glenn L	Philadelphia	WOLDORF, MD, Norman M	Dauphin			ZAMMERILLA, MD, Charles A	Fayette
WILLIAMS, MD, Herman J	Berks	WOLDOW, MD, Asher	Philadelphia			ZAMORA, MD, Danilo D	Philadelphia
WILLIAMS, MD, Henry N	Lancaster	WOLDOW, MD, Irving	Philadelphia			ZAMOSTIEN, MD, Bernard B	Philadelphia
WILLIAMS, MD, John C	Union	WOLF, DO, George C	Philadelphia			ZAMOSTIEN, MD, Paul S	Delaware
WILLIAMS, MD, John J	Philadelphia	WOLF JR, MD, John H	Philadelphia			ZANGRILLI, MD, James G	Allegheny
WILLIAMS, MD, John L	Berks	WOLF, MD, Charles R	Chester			ZANGWILL, MD, Donald P	Allegheny
WILLIAMS, MD, John L	Montour	WOLF, MD, Franklin M	Berks			ZANKMAN, MD, Nathan	Bucks
WILLIAMS, MD, John T	Philadelphia	WOLF, MD, James S	Butler			ZANNI, MD, Anthony L	Bucks
WILLIAMS, MD, Kirkley R	Philadelphia	WOLF, MD, Lewis R	Philadelphia			ZAPATA, MD, William A	Berks
WILLIAMS, MD, Leon R	Allagheny	WOLF, MD, Melvin A	Montgomery			ZAPPACOSTA, MD, Frank H	Philadelphia
WILLIAMS, MD, Melvin C	Indiana	WOLF, MD, Steward G	Northampton			ZAPPITELLI, DO, Michael J	Montgomery
WILLIAMS, MD, Norman S	Westmoreland	WOLF, MD, Stephen H	Bucks			ZARFOS, MD, Morgan L	York
WILLIAMS, MD, Robert H	Lycoming	WOLFE, MD, Dwight D	Lancaster			ZASLOW, MD, Jerry	Philadelphia
WILLIAMS, MD, R Hallock	Montgomery	WOLFE, MD, Daniel E	Lycoming			ZATUCHNI, MD, Jacob	Philadelphia
WILLIAMS, MD, Stephen K	Montgomery	WOLFE, MD, Robert C	Philadelphia			ZAVAHIR, MD, M Faizal	Blair
WILLIAMS, MD, Scott L	Allegheny	WOLFE, MD, William F	Dauphin			ZAYDON, MD, Anne C	Lackawanna
WILLIAMS, MD, Thomas L	Northampton	WOLFERTH JR, MD, Charles C	Philadelphia			ZEB, MD, Mohiudin A	Indiana
WILLIAMS, MD, Victor A	Allagheny	WOLFF, MD, Bruce R	Mercer			ZECCARDI, MD, Joseph A	Philadelphia
WILLIAMS, MD, Virginia M	Dauphin	WOLFF, MD, Jeffrey M	Westmoreland			ZEE, MD, Mary K	Delaware
WILLIAMSON, MD, Edward L	Westmoreland	WOLFF, MD, Regis A	Allegheny			ZEGEL, MD, Henry G	Philadelphia
WILLIAMSON, MD, Mark E	Allegheny	WOLFGANG, MD, Gery L	Montour			ZEGLEN, MD, Arthur F	Philadelphia
WILLIAMSON, MD, Neel J	Lycoming	WOLFINGER, MD, Walter L	Franklin			ZEHEL, MD, Wendell E	Allegheny
WILLIG, MD, Doris	Philadelphia	WOLFORD, MD, Jack A	Allegheny			ZEHRER, MD, Luther R	Crawford
WILLIHGANZ, MD, Walter D	Montgomery	WOLFSON JR, MD, Sidney K	Allegheny			ZEHR, MD, Ralph D	Bradford
WILLIS, MD, Bernard J	Lackawanna	WOLFSON, MD, Bernard	Allegheny			ZEIGERMAN, MD, Joseph H	Philadelphia
WILLISON, MD, Robert W	Allegheny	WOLFSON, MD, Robert J	Philadelphia			ZEILER, MD, William B	Allegheny
WILLNER, MD, David L	Chester	WOLGEMUTH JR, MD, John M	Lancaster			ZEIT, MD, Robert M	Philadelphia
WILLWERTH, MD, James W	Berks	WOLGIN, MD, William	Philadelphia			ZEITLIN, MD, Mark H	Erie
WILMOTH, MD, Clifford L	Allegheny	WOLINSKY, MD, Arthur P	Allegheny			ZEITLIN, MD, Warren M	Montgomery
WILSON JR, MD, Charles R	Allegheny	WOLK, MD, Melvin H	Lackawanna			ZELENAK, DO, Robert R	Erie
WILSON JR, MD, Robert N	Montgomery	WOLK, MD, Thomas A	Chester			ZELENAK, MD, Mary E	Erie
WILSON JR, MD, William M	Philadelphia	WOLKOWICZ, MD, Michal I	Philadelphia			ZELESNICK, MD, Gabriel	York
WILSON, MD, Arthur R	Armstrong	WOLLMAN, MD, Harry	Philadelphia			ZELEZNICK, MD, Miroslav	Westmoreland
WILSON, MD, Dorothy G	Northumberland	WOLLMAN, MD, Michael R	Allegheny			ZELEZNICK, MD, William A	Allegheny
WILSON, MD, Frederick S	Montgomery	WOLMARK, MD, Norman	Allegheny			ZELEZNICK, MD, Robert F	Dauphin
WILSON, MD, George M	Philadelphia	WOLSHIN, MD, Henry J	Philadelphia			ZELKOVIC, MD, Audrey A	Allegheny
WILSON, MD, George W	Allegheny	WOLSON, MD, Alan H	Lehigh			ZELLER, MD, Erwin R	Chester
WILSON, MD, James A	Lancaster	WON, MD, Kwan H	Dauphin			ZELLER, MD, Harry R	Allegheny
WILSON, MD, John F	Philadelphia	WON, MD, Okhee	Lackawanna			ZELLER, MD, Robert G	Lycoming
WILSON, MD, James L	Tioga	WONG, MD, Albert	Somerset			ZELLEY, MD, Lea S	Montgomery
WILSON, MD, Janet L	Philadelphia	WONG, MD, Hon-Yuen	Clerion			ZELLS, DO, Joseph	Philadelphia
WILSON, MD, John S	Westmoreland	WONG, MD, James S	Berks			ZELNICK, MD, Eric B	Berks
WILSON, MD, Joseph W	Allegheny	WONG, MD, Ling G	Philadelphia			ZELT, MD, Roger P	Allegheny
WILSON, MD, Paul B	Lawrence	WONG, MD, Ming Der	Centre			ZEMBLE, DO, Herbert A	Philadelphia
WILSON, MD, Ray A	York	WONG, MD, Ming Yin	York			ZEMEL, MD, Reuben	Allegheny
WILSON, MD, Richard A	Armstrong	WONG, MD, Stephen W	Philadelphia			ZEMO, MD, Peter	Dauphin
WILSON, MD, Rome A	Delaware	WONGPAKDEE, MD, Soaban	Philadelphia			ZEMO, MD, Peter L	York
WILSON, MD, Richard C	Lehigh	WONSETTLER, MD, Donald E	Potter			ZENOUI, MD, Sirus	Bucks
WILSON, MD, Robert J	Allegheny	WOOD JR, MD, Horatio C	Mercer			ZERBE, MD, Grover F	Dauphin
WILSON, MD, Raymond N	Westmoreland	WOOD, MD, David W	Philadelphia			ZERBY, MD, Jeffrey C	Berks
WILSON, MD, Richard P	Philadelphia	WOOD, MD, Ernest M	Montgomery			ZERITSKY, MD, Samuel A	Philadelphia
WILSON, MD, Ruth W	Beaver	WOOD, MD, Francis C	Lancaster			ZERNICH JR, MD, Stephen	Beaver
WILSON, MD, Thomas W	Lewrence	WOOD, MD, Howard P	Philadelphia			ZERNICH, MD, Michael R	Allegheny
WILSON, MD, William L	Allegheny	WOOD, MD, John M	Montgomery			ZERNICH, MD, Wallace	Beaver
WILSON, MD, Welter N	Allagheny	WOOD, MD, Mary E	Allegheny			ZERVANOS, MD, Nikites J	Lancaster
WILSON, MD, William W	Montgomery	WOOD, MD, Margaret G	Adema			ZERVOS, MD, Denis G	Philadelphia
WILT, MD, Herold L	Fayette	WOOD, MD, Melvin N	Philadelphia			ZEVENY JR, MD, Dennis J	Luzerne
WILT, MD, John W	Bradford	WOOD, MD, Robert M	Philadelphia			ZIBELMAN, MD, Mark	Delaware
WILT, MD, Kenneth E	York	WOOD, MD, William H	Mercer			ZIDO, MD, Albert J	Allegheny
WILTON, MD, Edward A	Montgomery	WOODCOCK, MD, Charles H	Allegheny			ZIEGLER, MD, Anna M	Lehigh
WIMSATT, MD, Michael H	Mifflin-Juniata	WOODCOCK, MD, Charles W	Union			ZIEGLER, MD, Jay M	Washington
WINANS, MD, Lewis E	Berks	WOODCOCK, MD, Samuel G	Dauphin			ZIEGLER, MD, Moritz M	Philadelphia
WINEBURGH, MD, George S	Philadelphia	WOODLEY, MD, Christopher C	Mercer			ZIENTEK, MD, Leon T	Berks
WINEGRAD, DO, Leonard	Philadelphia	WOODMAN, MD, Thomas J	Allegheny			ZIEVE, MD, Gerald	Allegheny
WINER, MD, Leonard D	York	WOODRING, MD, Albert J	Bucks			ZIEZIULA, MD, Ronald F	Erie
WINER, MD, Stephen F	Lebanon	WOODRUFF JR, MD, D Stratton	Montgomery			ZIGERMAN, DO, Herbert L	Philadelphia
WINEY, MD, Wilfred H	Cambria	WOODRUFF, MD, Charles L	Berks			ZIGROSSI, MD, Richard J	Allegheny
WINFREE, MD, Listervelt	Philadelphia	WOODRUFF, MD, Frieda W	Montgomery			ZIKRIA, MD, Emir A	Allegheny
WING, MD, Raymond	Northampton	WOODRUFF, MD, Stephen M	Philadelphia			ZILIOI, MD, Paul A	Centre
WINGARD, MD, Larry B	Armstrong	WOODS, MD, Anne M	Allegheny			ZILLWEGER, MD, William C	Allagheny
WINGERD, MD, Robert A	Franklin	WOODS, MD, Elizabeth B	York			ZIMM, MD, Edward J	Erie
WINGERT JR, MD, Charles H	Centre	WOODSIDE, MD, John A	Allegheny			ZIMMER, MD, Ban	Allegheny
WINGERT JR, MD, J Paul	Blair	WOODSLAYER, MD, Paul R	York			ZIMMER, MD, Frederick E	Montour
WINHELD, MD, Edward B	Philadelphia	WORLEY, MD, Carl M	Somerset			ZIMMERMAN JR, MD, Franklin D	Lebanon
WINIARSKI, MD, Janusz	Blair	WORNAS, MD, Christian G	Allegheny			ZIMMERMAN, MD, A Leonard	Blair
WINKLER JR, MD, Louis H	Northampton	WOROBEC, MD, Russell N	Berks			ZIMMERMAN, MD, Charles W	Allagheny
WINKLER, MD, Martin	Allegheny	WORRALL, MD, V Thomas	Lycoming			ZIMMERMAN, MD, David S	Dauphin
WINN JR, MD, Charles L	Bucks	WORRILOW, MD, Suzanne H	Allegheny			ZIMMERMAN, MD, Karl	Allegheny
WINN, MD, Charles	Delaware	WORSHTIL, MD, Mark E	Lebanon			ZIMMERMAN, MD, Mark	Bradford
WINSKI, MD, Leonard A	Columbia	WOTRING, MD, John M	Washington			ZIMMERMAN, MD, Michael R	Philadelphia
WINSON, MD, Samuel G	Philadelphia	WOYNAROWSKI, MD, John A	Berks			ZIMMERMAN, MD, Marc S	Philadelphia
WINSTANLEY, MD, Robert A	Cambria	WOZNIAK, MD, John	Berks			ZIMMERMAN, MD, Robert A	Philadelphia
WINSTON, MD, Joseph M	Berks	WRIGHT JR, MD, Alfred E	Delaware			ZIMMERMAN, MD, Richard P	Cambria
WINSTON, MD, Norman J	Berks	WRIGHT JR, MD, George J	Fayette			ZIMMERMAN, MD, Albert W	Montgomery
WINSTON, MD, Ralph B	Bradford	WRIGHT, MD, David G	Allegheny			ZIMRING, MD, David	Philadelphia
WINT, MD, Samuel J	Cambria	WRIGHT, MD, David L	Allegheny			ZINNAMOSCA, DO, John B	Crawford
WINTER 2ND, MD, John C	Lycoming	WRIGHT, MD, Eleanor R	Vanango			ZINSER, MD, Harry F	Philadelphia
WINTER, MD, Charles R	Lancaster	WRIGHT, MD, F Malcolm	Chester			ZINSER, MD, Michael H	Washington
WINTER, MD, Fred S	Montgomery	WRIGHT, MD, George C	York			ZINTL, MD, William J	Delaware
WIRE, MD, Wilbur H	York	WRIGHT, MD, Lance S	Allegheny			ZIOBROWSKI, MD, Frank G	Franklin
WIRTS JR, MD, C Wilmar	Philadelphia	WRIGHT, MD, Richard E	Allegheny			ZISERMAN, MD, Abraham J	Philadelphia
WISE, MD, Richard J	Luzerne	WRIGHT, MD, Robert E	Allegheny			ZISKIND, MD, Zelda	Allegheny
WISEMAN, DO, Douglas C	Northampton	WRIGHT, MD, Scott H	Lackawanna			ZISSERMAN, MD, Louis	Philadelphia
WISHNEV, MD, Martin A	Allegheny		Philadelphia			ZITELLI, MD, John A	Allegheny
WISS, MD, Raymond J	Cumberland					ZITNER, MD, George L	Allegheny
WISSINGER, MD, H Andrew	Allegheny						
WISSLER, MD, Robert U	Lancaster						

ZLUPKO, MD, George M	Blair	ZOURAS, MD, Nicholas L	Dalawara	ZUCKER, MD, Eli W	Montgomery	ZULICK JR, MD, Thomas C	Northampton
ZOBEL JR, MD, Arthur C	Lackawanna	ZUBCHEVICH, MD, Emira D	Fayette	ZUCKERMAN, MD, Nathan	Bucks	ZUROWESTE II, MD, Edward L	Franklin
ZOBIAN, MD, Edward J	Berks	ZUBRITZKY, MD, Paul M	Allegheny	ZUG 3RD, MD, Charles K	Northampton	ZWEIG, MD, Neal	Allegheny
ZOLFAGHARI, MD, Roknedin	Philadelphia	ZUBRITZKY, MD, Stephen A	Allegheny	ZUG, MD, P Ronald	Union	ZWEIZIG, MD, Helen Z	Philadelphia
ZOLGHADRI, MD, Siavash	Berks	ZUBROW, MD, Sidney N	Philadelphia	ZUKOSKI, MD, Joseph T	Montgomery	ZWERLING, MD, Hermann	Schuylkill
ZONE, MD, Donald D	Erie	ZUCK, MD, George A	Allegheny	ZUKOSKI, MD, Thomas E	Lackawanna	ZWERLING, MD, Israel	Philadelphia
ZORUB, MD, David S	Allegheny	ZUCK, MD, Walter N	Westmoreland				

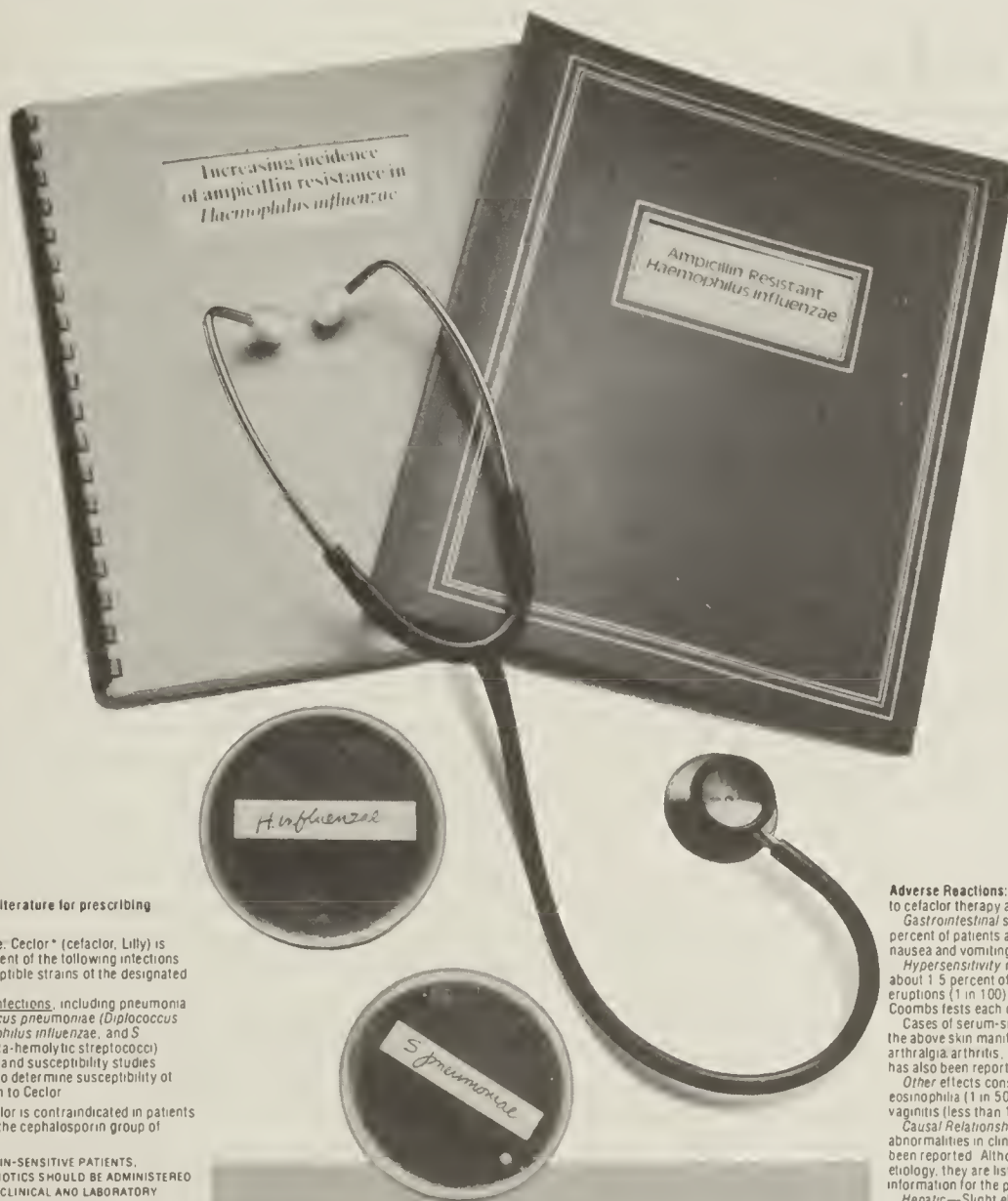
Medical Specialty Information

The Roster is coded with specialty information in the Component County Society section. The abbreviation which appears to the right of the physician's name is the specialty code. These codes and the specialties which they represent, along with the approximate number in each specialty, are as follows:

AN	Anesthesiology	572
CRS	Colon-Rectal Surgery	36
D	Dermatology	197
EM	Emergency Medicine	50
FP	Family Practice	3049
GS	General Surgery	1224
IM	Internal Medicine	2750
NS	Neurological Surgery	128
N	Neurology	144
OBG	Obstetrics-Gynecology.....	1015
OPH	Ophthalmology	558
ORS	Orthopedic Surgery	518
OTO	Otolaryngology	328
PTH	Pathology	375
PD	Pediatrics.....	643
PM	Physical Medicine-Rehabilitation	93
PS	Plastic Surgery.....	98
PRM	Preventive Medicine	97
P	Psychiatry	683
R	Radiology.....	853
TS	Thoracic Surgery.....	136
U	Urology	349
OS	Other Specialty	61
US	Unspecified/Retired.....	230
	Total Membership Count.....	14187

This specialty information was supplied from AMA records or by the physician personally and does not necessarily imply board certification in the specialty.

An added complication... in the treatment of bacterial bronchitis*



Brief Summary
Consult the package literature for prescribing information.

Indications and Usage: Cefaclor* (cefaclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Lower respiratory infections, including pneumonia caused by *Streptococcus pneumoniae* (*Diplococcus pneumoniae*), *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci).

Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefaclor.

Contraindication: Cefaclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: IN PENICILLIN-SENSITIVE PATIENTS, CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS, AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefaclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

Precautions: If an allergic reaction to cefaclor occurs the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g. pressor amines, antihistamines, or corticosteroids.

Prolonged use of cefaclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefaclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

As a result of administration of Cefaclor, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clinitest® tablets but not with Tes-Tape® (Glucose Enzymatic Test Strip, USP, Lilly).

Usage in Pregnancy: Although no teratogenic or antiterility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy: Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefaclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefaclor.⁷

Cefaclor®

cefaclor

Pulvules®, 250 and 500 mg

Adverse Reactions: Adverse effects considered related to cefaclor therapy are uncommon and are listed below.

Gastrointestinal symptoms occur in about 2-5 percent of patients and include diarrhea (1 in 70) and nausea and vomiting (1 in 90).

Hypersensitivity reactions have been reported in about 1-5 percent of patients and include morbilliform eruptions (1 in 100). Pruritus, urticaria, and positive Coombs tests each occur in less than 1 in 200 patients.

Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain: Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic: Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic: Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal: Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200).

* Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefaclor* (cefaclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother., 8:91, 1975.
2. Antimicrob. Agents Chemother., 11:470, 1977.
3. Antimicrob. Agents Chemother., 13:584, 1978.
4. Antimicrob. Agents Chemother., 12:490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), 11:880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother., 13:861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.

Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285.
Eli Lilly Industries, Inc., Carolina, Puerto Rico 00630.

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PHYSICIANS WANTED

MD — board eligible or certified internist - cardiologist to associate with group in rapidly growing area in Ocean County, NJ. Salary with eventual partnership. Please send curriculum vitae to: Department 871, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Pathologist — board eligible or certified. Whole-time position in College Hospital Department of Pathology and Laboratory Medicine. Salary negotiable. Excellent fringe benefits. Please send curriculum vitae to: William L. Silverman, DO, Chairman, Department of Pathology and Laboratory Medicine, The Osteopathic Medical Center of Philadelphia, 4150 City Avenue, Philadelphia, PA 19131.

Staff psychiatrists — positions immediately available. Our hospital is looking for psychiatrists with fresh ideas and strong convictions on public sector mental health care. We are located in pleasant, residential Northeast Philadelphia and can offer the area's unparalleled opportunities for professional growth and development. Good salary and benefits. Requirements are a PA state license and board certification or eligibility. Contact, in strictest confidence: John K. Fong, DO, Acting Superintendent, Philadelphia State Hospital, 14000 Roosevelt Blvd., Philadelphia, PA 19114; (215) 671-4101.

Assistant supt. for clinical services M.H. — Outstanding opportunity for a clinical assistant to the superintendent of a progressive mental institution. Duties include coordinating and directing the operation of the hospital's patient care units. We are a J.C.A.H. and Medicare accredited psychiatric hospital. Our excellent fringes include a retirement plan with a possible early retirement option, life and health insurance. We are located in pleasant, residential Northeast Philadelphia and can offer the area's unparalleled opportunities for professional growth and development. Please phone or write in strictest confidence to: John Fong, DO, Acting Superintendent, Philadelphia State Hospital, 14000 Roosevelt Blvd., Philadelphia, PA 19114; (215) 671-4101.

Pennsylvania — Emergency physician system. Needs several fulltime emergency physicians for Western Pennsylvania area emergency departments. Independent contractor arrangements. Eligible for corporate membership within two years. The system is on a "fee-for-service" basis. Contact: (412) 228-3400 for interview appointment.

Family practice — full-time position for a primary health care center. Located in North Central Pennsylvania, surrounded by multitude of year 'round outdoor recreational opportunities. Competitive salary and fringe benefits. Position available July 1, 1981. Contact Joseph E. Singer, Administrator, Misty Valley Community Health Center, P.O. Box 302, Smethport, PA 16749; (814) 887-5622.

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Physicians — for clients in Pennsylvania, Massachusetts, and several southern states. Specialists in FP, PD, orthopedic surgery, neurosurgery, ENT, rheumatology, OTO, director anesthesiology, and physiatrist. Please call E.J. Mowry, (215) 348-8700.

Emergency medicine — Western Pennsylvania and Ohio: Full and part-time opportunities throughout the region in low to high volume emergency departments. Spectrum Emergency Care, the leader in emergency medicine management offers excellent compensation, paid professional liability insurance, flexible scheduling without on-call involvement. For details contact Jim Ginter collect at (614) 457-9761, or send credentials in complete confidence to 3720-B Olentangy River Road, Whetstone Medical Center, Columbus, Ohio 43214.

House physician — Suburban Philadelphia area hospital currently has openings on all shifts for part-time house physicians to provide house coverage on all services. No emergency room or OB responsibility. Must have Penna. license and DEA number. We offer a modern and progressive facility, cooperative atmosphere, excellent compensation and full benefit package including malpractice insurance. Interested candidates should send curriculum vitae: The Lower Bucks Hospital, Personnel Department, Bath Road, Bristol, PA 19007.

Board certified university trained orthopedic surgeon — for early partnership in solo private practice in Central Pennsylvania. Salary opportunities outstanding. All fringes covered. Send CV to Harold W. Pearson, MD, 24 Cree Drive, Lock Haven, PA 17745.

Pediatrician and other physicians wanted — for Bethel Park, Pennsylvania, suburb of Pittsburgh, 35,000 people. New professional building. Call (412) 833-6188.

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Aviation medicine specialists needed — physicians to be trained with emphasis on physiology, psychiatry, otorhinolaryngology, ophthalmology, and cardiology. Also, didactic and clinical flight instruction. Good pay and benefits, 30 days annual vacation and no overhead. For more information call Robert Milie, collect, at (717) 782-3983 weekdays or send CV to P.O. Box 946, Harrisburg, PA 17108.

Orthopedic/general surgeons needed — hospital-based practice. 30 days annual vacation, good pay and benefits. Regular working hours and no overhead. For additional information call Robert Milie at 782-3983 weekdays or send CV to P.O. Box 946, Harrisburg, PA 17108.

Family practitioner — needed to join three physicians at a well established nonprofit community health center located in rural central Pennsylvania within proximity of Carlisle and Harrisburg. Excellent salary and incentive, malpractice and moving expense paid. Contact: David Sarcone, Administrator, Perry Health Center, Loysville, PA 17047. Phone (717) 789-4328.

Immediate opening — for primary care physicians to work in out-patient department associated with 200 bed hospital in Reading, Pa. Competitive salary and fringe benefits, paid malpractice, 40 hr. week. Send curriculum vitae to L.A. Citro, MD, Chairman, Recruiting Committee, 145 North 6th St., Reading, PA 19601.

Faculty: Two teaching positions — available in well established university affiliated family practice residency of a 400-bed community hospital. No competing residencies in area. City with service area of 150,000 located in mountains of Northcentral PA. Abundant outdoor activities. Four hours by car from New York City or Philadelphia. Excellent salary and benefits. Opportunity to see own patients. Qualifications: board certified in family practice plus fellowship or practical experience with teaching. Position A - Primarily in-patient. To run family practice in-patient service, supervise and coordinate all other in-patient activities. Position B - Primarily educational. Assume responsibilities for all educational activities (curriculum and evaluation). Develop faculty enrichment. Direct inquiries and curriculum vitae to Mr. Gary Colberg, Administrative Director of Family Practice, The Williamsport Hospital, 699 Rural Avenue, Williamsport, PA 17701; (717) 322-7861, Ext. 5106.

Psychiatrist — Board certified or board eligible. Mental hospital in metropolitan area. Easy access to New York, Philadelphia, and close to Pocono resort area. Good salary with excellent fringe and retirement benefits. Residence available. Pennsylvania license required. Contact: George E. Gittens, MD, Superintendent, Clarks Summit State Hospital, Clarks Summit, PA 18411; (717) 586-2011.

Pennsylvania — emergency medicine group being formed to staff emergency department of a major teaching institution in Philadelphia. Seeking career oriented emergency physicians who are board eligible or certified in emergency medicine or other major specialties. Responsibilities include clinical care and supervision of residents assigned to the emergency department. Income is commensurate with training and experience and is based on a fee-for-service billing with a minimum guarantee. Clinical appointments are available when eligible. Call (215) 438-0390 or send CV to Emergency Medical Specialty Services, Inc., Suite L-6, 5555 Wissahickon Ave., Philadelphia, PA 19144.

Pennsylvania, Chester — emergency department physician for private physician group staffing EDs in Philadelphia and Delaware County. Must be PA licensed. 40 hr. week, competitive salary, paid malpractice, liberal fringe benefits, profit sharing. Send curriculum vitae to Emergency Medical Associates, Ltd., 5th & Upland Ave., Chester, PA 19013 or call (215) 874-8177.

Emergency physicians — Philadelphia and suburban Philadelphia hospitals. Fee for service with minimum guarantee, 42 hr. per week avg. Experience preferred but will consider all applicants. Contact Teddy Trout (215) 438-0390 for further details or send CV to EMSS, 5555 Wissahickon Ave., Suite L6, Philadelphia, PA 19144.

House staff physician — Excellent opportunity for a Pennsylvania licensed physician to serve in a responsible position of a modern suburban Philadelphia, 286 bed hospital. JCAH accredited. \$40,000 per year plus vacation, sick leave, paid pension plan, hospitalization, malpractice insurance, and disability insurance. Some evening and night duty required. For further information, contact John F. Dunleavy, Assistant Executive Director, Holy Redeemer Hospital, Meadowbrook, PA 19046; (215) 947-3000.

NEEMA Emergency Medical — a professional association. Emergency medicine positions available with emergency physician group in PA, NY, NJ, VA, WVA, MD, KY, and throughout New England, the Southeast, and the Midwest, including all suburban, rural and metropolitan areas. Fee-for-service with minimum guarantee provided. Malpractice paid. Practice credits toward board certification. Physicians department directors also desired. Please send resume to: NEEMA Emergency Medical, Suite 400, 399 Market Street, Philadelphia, PA 19106 or phone (215) 925-3511 in PA, or (800) 523-0776 outside PA.

California — Director positions available. Emergency medicine physicians needed for rural Northern California areas. Excellent opportunity to join growing partnership of career emergency physicians. Emergency medical residency, board certification or at least two years experience required. Excellent benefit package

Update Cardiology "Noninvasive Cardiology: When to order what studies"

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Sponsored by the Division of Cardiology of The Pennsylvania State University College of Medicine, the fifth annual postgraduate education series is designed to bring the practicing physician up to date with current concepts in the diagnosis and management of patients with heart disease.

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For further information write or call: Marybeth Reese, Department 4004, Continuing Education, The Milton S. Hershey Medical Center, Hershey, PA 17033; (717) 534-8898.

and profit sharing. Contact Judy Neal, California Emergency Physicians, 440 Grand Ave., Suite 500, Oakland, CA 94610; (415) 832-6400.

Orthopedic surgeon wanted — associate for well established orthopedic clinic in eastern Pennsylvania. First year, salary plus percentage. Partnership after one year. Board eligibility required. No investment needed. Write Department 709, PENNSYLVANIA MEDICINE, 20 Erford Road, Lemoyne, PA 17043.

Certified general surgeon and orthopedist — to join multi-specialty group established in 1944 adjacent to 100-bed hospital located in Lincoln Park, Michigan. The Clinic services an Industrial Traumatic Center in addition to their private practice. Call or write John P. Tagett, MD or Claude Benavides, MD (313) 383-6000/West Outer Drive Medical Center, 25700 West Outer Drive, Lincoln Park, Michigan 48146.

Community psychiatrist — board certified/eligible. Immediate opportunity for private contract practice medical director of rural hospital based dept. of community mental health. Team approach service of 7 mental health professionals includes partial hospitalization program and outreach services. Excellent opportunity to expand and develop mental health program in conjunction with 181 bed modern hospital/long term care facility having established most major specialty medical services. For additional information, contact Mr. William J. Connors, Executive Director, Charles Cole Memorial Hospital, U.S. Rt. 6, Coudersport, PA 16915; (814) 274-9300.

Specialists, subspecialists — needed for private outpatient clinic. Full or part time. Ideal hours and incentive. Evenings (412) 741-6721. MD.

Physicians — Consider a real change of pace! Accept a commission as an officer of the Pennsylvania Army National Guard. Serve one weekend each month and two weeks each summer. Benefits include continuing professional education, noncontributory retirement plan, military pay, and a great deal of enjoyment and satisfaction. Let the "Guard" become your hobby. Contact Major Eugene P. Klynoot, Department of Military Affairs, Annville, PA 17003; telephone (717) 783-3430.

Dermatologist — needed by Southwestern PA area of 200,000. Opportunity for teaching. Clinic space available. Write Department 870, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Emergency medicine — A Philadelphia suburban general hospital is establishing a full-time department of emergency medicine. Board certification or eligibility plus PA license required. Competitive salary and benefits included. Contact Executive Director, Phoenixville Hospital (215) 933-9281.

Physicians needed — Excellent practice opportunities for physicians in the following specialties: family practice and pediatrics. Bloomsburg, PA is ideally located in East Central Pennsylvania along the North Branch of the Susquehanna River. A beautiful community of moderate size with excellent quality of life. Bloomsburg is the county seat; home of Bloomsburg College and gateway to the Pocono Vacation Land. Join the active medical staff of a 150-bed, nonprofit, general acute care, JCAH accredited hospital. Design your own suite in a newly completed 4-story professional building adjacent to the hospital. Economic and administrative incentive program available. Send curriculum vitae in confidence to: D.E. Chomiak, Administrative Assistant, Bloomsburg Hospital, 549 E. Fair St., Bloomsburg, PA 17815 or phone collect (717) 784-7121.

Assistant superintendent for clinical services — (medical director). Immediate opening, must be certified by the American Board of Psychiatry or be eligible, Pennsylvania Licensure required. Salary competitive, excellent fringe benefits. Housing available. 40 miles east of Pittsburgh. Call (412) 459-8000 or write to Ray Bullard, MD, Superintendent, Torrance State Hospital, Torrance, PA 15779. An Equal Opportunity Employer.

General and peripheral vascular surgeon — (1 year fellowship or equivalent) with interest in trauma and dialysis access surgery to join general and peripheral vascular surgeon now in solo practice. Send curriculum vitae to Tamar D. Earnest, MD, 1251 S Cedar Crest Blvd., Suite 301-C, Allentown, PA 18103.

POSITIONS WANTED

Medical ophthalmologist — 43 y/o American board certified desires satisfactory position in established practice. Will consider all locations. Curriculum vitae on request. Write Department 863, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

CONTINUING EDUCATION

American College of Cardiology — Continuing Medical Education Programs. Mechanism and Therapy of Cardiac Arrhythmias, September 9-12, 1981, Philadelphia, Leonard S. Dreifus, MD, Director. Noninvasive Cardiac Imaging: Two Dimensional Echocardiography Radionuclide Imaging - Advanced Techniques, December 3-5, 1981 Philadelphia, Joel Morganroth, MD, Director. For further information contact: Registration Secretary, Extramural Programs Department American College of Cardiology, 9111 Old Georgetown Road, Bethesda, Maryland 20014; (301) 879-5400.

FOR SALE

For rent — General practice office, 50 years. 1,000 square feet. Location - Lebanon, PA, 12 miles from Hershey Medical Center. Write Department 872, PENNSYLVANIA MEDICINE, 20 Erford Rd., Lemoyne, PA 17043.

Cherry Hill, NJ — office available in an established medical building located in a high density doctor area. Ideal for psychiatrist or dermatologist since none is practicing in the area. Call (609) 429-2270 daily till 4 p.m.

9.6 acre York County tract — 1.5 miles Ski Roundtop. 4.5 miles Route 15 south of Mechanicsburg. This secluded high ground has southern exposure for energy efficient estate. Perked and probed. (717) 774-5869.

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Locum tenens CompHealth — Our medical group can place a well-qualified physician in your practice during your absence. For more information call or write: Comprehensive Health Systems Inc., 175 West 200 South, Suite 2003, Salt Lake City, UT 84101 (801) 532-1200.

Surgical technologist — or surgical assistant (P.A.). 381 bed community hospital, N.E. section of Philadelphia, Pennsylvania. Full time; salary competitive. Contact Nazareth Hospital (215) 355-6098.

Physician's assistants — Become a Warrant Officer in the Pennsylvania Army National Guard in a unit near your home. Serve one weekend a month and a fifteen (15) day Annual Training period each year. You will be eligible for continuing professional education, monthly pay, and a substantial noncontributory retirement plan. Enjoy the personal satisfaction of doing an important job for your State and Nation. For further information contact Major Eugene P. Klynoot, Department of Military Affairs, Pennsylvania Army National Guard, Annville, PA 17003; telephone (717) 783-3430.

Can nicotine help smokers quit? — This is an article you should have your smoking patients read. Free copy. Chex Co., Dept. P 1760 N. Howard St., Philadelphia, PA 19122.

Tuition Assistance Program, Inc. — PO Box 6221, Duluth, MN 55806. Matching communities seeking physicians with physicians-in-training requiring tuition assistance. Keith Hummel, Director. Write for more information.

Pennsylvania Medicine

Vol. 84, No. 9

SEPTEMBER 1981

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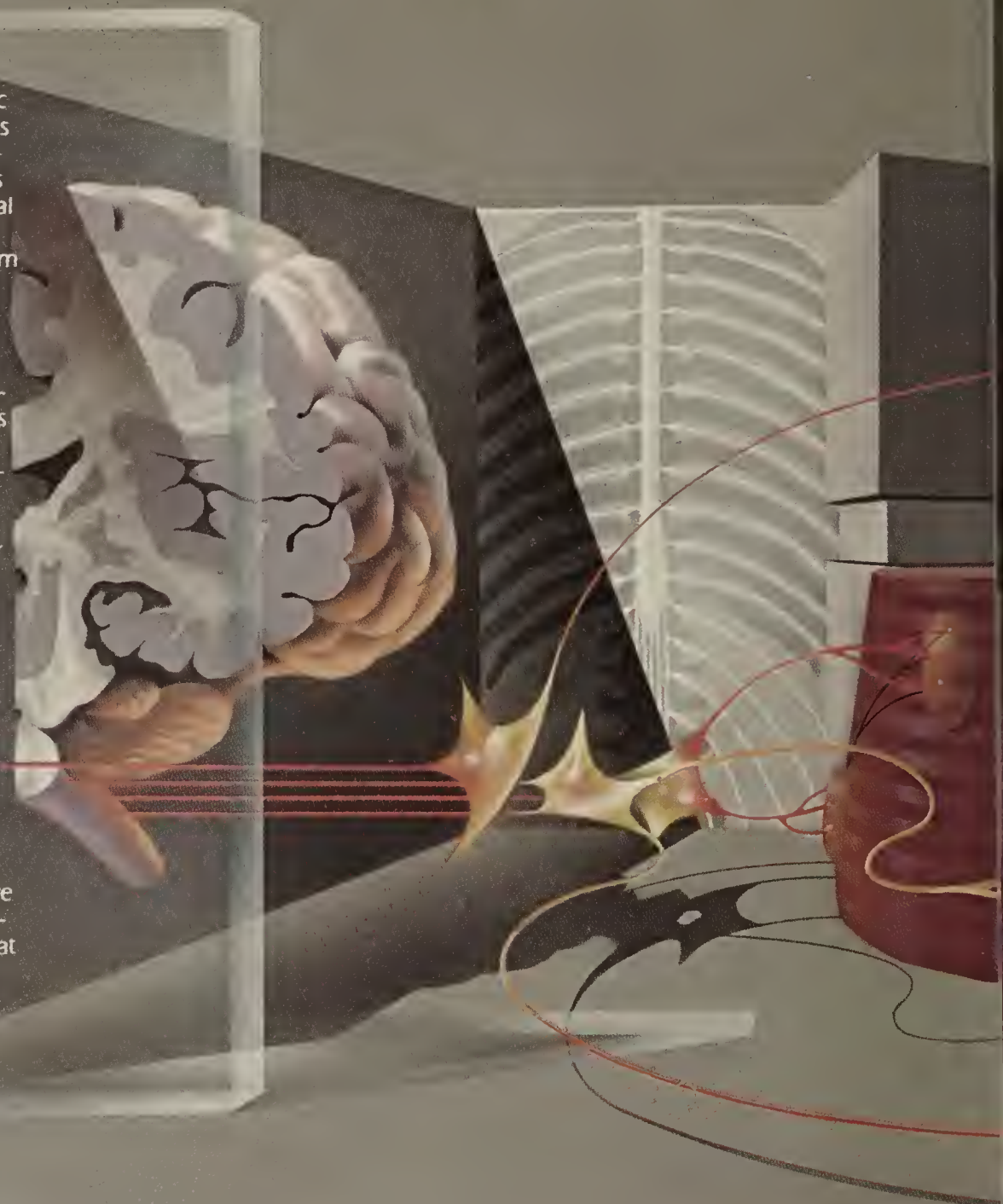
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SEEKING
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SKELETAL MUSCLE SPASM

Actions associated with spasm

Normally, presynaptic inhibition of impulses to motoneurons prevents the continuous contraction of skeletal muscles. When this regulatory mechanism is overloaded, however, it cannot cope with the excessive number of impulses directed at the motoneurons and muscles go into spasm. This bombardment of impulses may come from the brain stem reticular formation or the spinal cord—or both. Whichever the source of the impulses, adjunctive Valium (diazepam/Roche) has demonstrated its ability to relieve the spasm-pain-spasm cycle. This has long been known. Now evidence is emerging that Valium may have skeletal muscle relaxant activity not only at the brain and spinal levels but possibly at a third site—the muscle itself.



Counteractions associated with Valium® (diazepam/Roche)

In the reticular formation

Animal experiments have shown a reduction in the rate of neuron firing in the brain stem reticular formation after administration of Valium.^{1,2}

This system, therefore, may be a major site of Valium action.

In the spinal cord

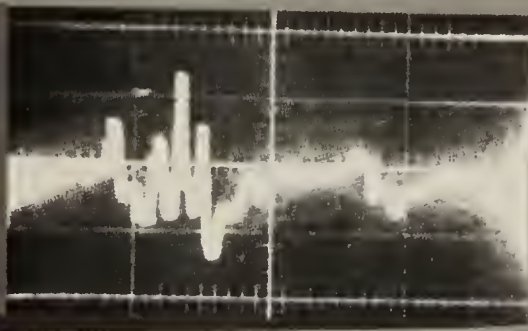
The ability of Valium to diminish skeletal muscle spasm may also be due to its action at the spinal level. Both animal and human experimental evidence indicates that Valium appears to improve the efficiency of presynaptic inhibition in the spinal cord.³⁻⁶

In the muscle itself

In both animal⁷ and human⁸ studies, Valium has been shown to have a direct effect on the muscle itself. Diazepam, administered to 15 spastic patients with neurological lesions, reduced the amplitude of the compound action potential of direct muscle response as well as the isometric twitch tension. From this, it was postulated that Valium may affect the contractile properties of muscle and possibly

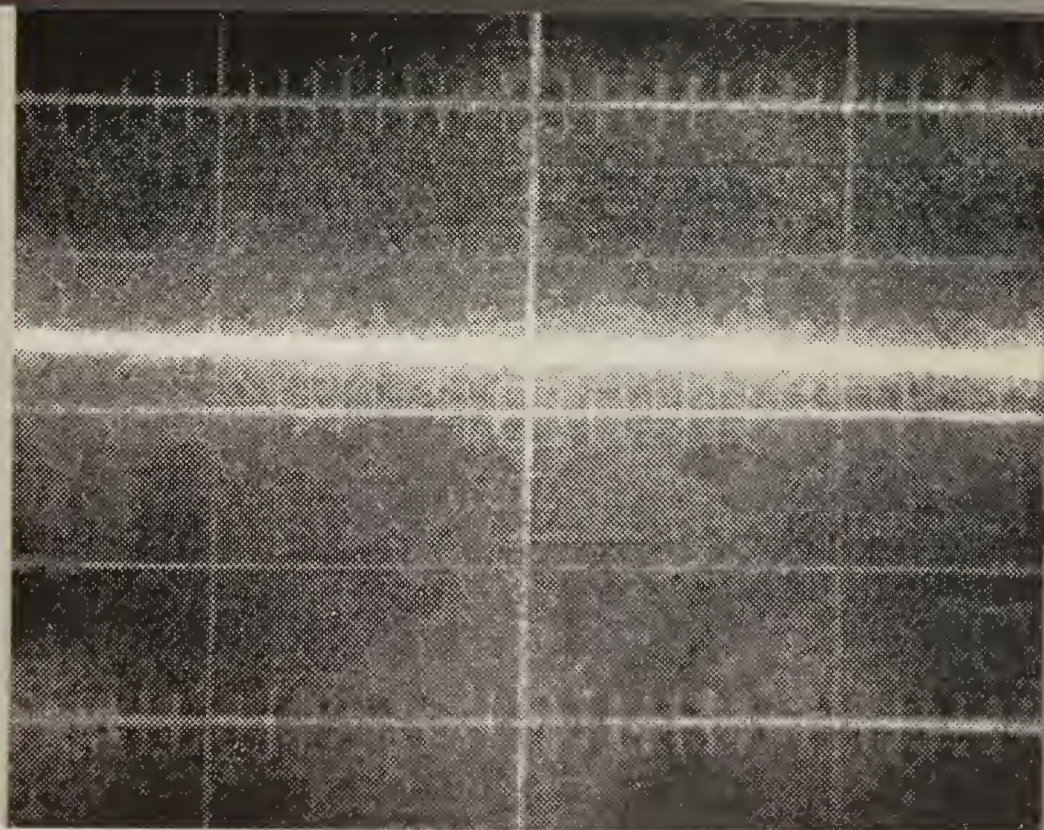
References: 1. Przybyla AC, Wang SC. *J Pharmacol Exp Ther* 163:439-447, 1968. 2. Tseng TC, Wang SC. *J Pharmacol Exp Ther* 178:350-360, 1971. 3. Stratten WP, Barnes CD. *Neuropharmacology* 10:685-696, 1971. 4. Schmidt RF, Vogel ME, Zimmermann M. *Arch Exp Pathol Pharmacol* 258:69-82, 1967. 5. Murayama S, Uemura H, Suzuki T. *Jpn J Pharmacol* 22 (Suppl):79, 1972. 6. Vernier M, MacLeod S, Ashby P. *Can J Neurol Sci* 2:179-184, Aug 1975. 7. De Groof RC, Bianchi CP, Narayan S. *Eur J Pharmacol* 66:193-199, 1980. 8. Vernier M, Ashby P, MacLeod S. *Am J Phys Med* 55:184-191, 1976. 9. Fowles EW, Strickland DA, Peirson GA. *Am J Phys Med* 44:9-19, 1965.

Muscle and Contraction



Electromyographic evidence of muscle spasm in a patient before administration of diazepam*

35 minutes after I.M. diazepam 10 mg, muscles are completely relaxed*



*Adapted from Fowlks EW, et al.⁹

the electrical properties of muscle membrane. Recent *in vitro* studies demonstrated that diazepam decreases tension in rapidly stimulated muscle and increases the rate of loss of calcium (needed for efficient coupling of action potential to muscle contraction) in the skeletal muscle of frogs.

While these studies imply three possible sites of Valium (diazepam/Roche) activity, conclusive proof of the sites of action of Valium will require further research.

Adjunctive VALIUM[®] (IV) diazepam/Roche

2-mg, 5-mg, 10-mg scored tablets
Tel-E-Dose[®] Reverse-Number Packs
2-ml Tel-E-Ject[®] ready-to-use disposable syringes } 5 mg/ml
2-ml ampuls, 10-ml vials }



Please see following page for a summary of product information.



Adjunctive **VALIUM**® diazepam/Roche

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Management of anxiety disorders, or short-term relief of symptoms of anxiety. Anxiety or tension associated with the stress of everyday life usually does not require treatment with an anxiolytic. Symptomatic relief of acute agitation, tremor, impending or acute delirium tremens and hallucinosis due to acute alcohol withdrawal; adjunctively in: relief of skeletal muscle spasm due to reflex spasm to local pathology; spasticity caused by upper motor neuron disorders; athetosis; stiff-man syndrome. *Oral form* may be used adjunctively in convulsive disorders, but not as sole therapy. *Injectable form* may also be used adjunctively in: status epilepticus; severe recurrent seizures; tetanus; anxiety, tension or acute stress reactions prior to endoscopic/surgical procedures; cardioversion. The effectiveness of Valium (diazepam/Roche) in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

Contraindications: Tablets in children under 6 months of age, known hypersensitivity; acute narrow angle glaucoma, may be used in patients with open angle glaucoma who are receiving appropriate therapy.

Warnings: As with most CNS-acting drugs, caution against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving). Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals (drug addicts or alcoholics) under careful surveillance because of predisposition to habituation/dependence.

Usage in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations, as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

ORAL: Advise patients against simultaneous ingestion of alcohol and other CNS depressants.

Not of value in treatment of psychotic patients, should not be employed in lieu of appropriate treatment. When using oral form adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increase in dosage of standard anticonvulsant medication; abrupt withdrawal in such cases may be associated with temporary increase in frequency and/or severity of seizures.

INJECTABLE: To reduce the possibility of venous thrombosis, phlebitis, local irritation, swelling, and, rarely, vascular impairment when used I.V.: inject slowly, taking at least one minute for each 5 mg (1 ml) given; do not use small veins, i.e., dorsum of hand or wrist; use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Administer with extreme care to elderly, very ill, those with limited pulmonary reserve because of possibility of apnea and/or cardiac arrest, concomitant use of barbiturates, alcohol or other CNS depressants increases depression with increased risk of apnea, have resuscitative facilities available. When used with narcotic analgesic eliminate or reduce narcotic dosage at least 1/3, administer in small increments. Should not be administered to patients in shock, coma, acute alcoholic intoxication with depression of vital signs. Has precipitated tonic status epilepticus in patients treated for petit mal status or petit mal variant status. Not recommended for OB use. Efficacy/safety not established in neonates (age 30 days or less); prolonged CNS depression observed. In children, give slowly (up to 0.25 mg/kg over 3 minutes) to avoid apnea or prolonged somnolence; can be repeated after 15 to 30 minutes. If no relief after third administration, appropriate adjunctive therapy is recommended.

Precautions: If combined with other psychotropics or anticonvulsants, carefully consider individual pharmacologic effects—particularly with known compounds which may potentiate action of Valium (diazepam/Roche), i.e., phenothiazines, narcotics, barbiturates, MAO inhibitors and antidepressants. Protective measures indicated in highly anxious patients with accompanying depression who may have suicidal tendencies. Observe usual precautions in impaired hepatic function; avoid accumulation in patients with compromised kidney function. Limit oral dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation (initially 2 to 2½ mg once or twice daily, increasing gradually as needed or tolerated).

The clearance of Valium and certain other benzodiazepines can be delayed in association with Tagamet (cimetidine) administration. The clinical significance of this is unclear.

INJECTABLE: Although promptly controlled, seizures may return, re-administer if necessary; not recommended for long-term maintenance therapy. Laryngospasm/increased cough reflex are possible during peroral endoscopic

procedures; use topical anesthetic, have necessary countermeasures available. Hypotension or muscular weakness possible, particularly when used with narcotics, barbiturates or alcohol. Use lower doses (2 to 5 mg) in elderly/debilitated.

Adverse Reactions: Side effects most commonly reported were drowsiness, fatigue, ataxia. Infrequently encountered were confusion, constipation, depression, diplopia, dysarthria, headache, hypotension, incontinence, jaundice, changes in libido, nausea, changes in salivation, skin rash, slurred speech, tremor, urinary retention, vertigo, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances and stimulation have been reported; should these occur, discontinue drug.

Because of isolated reports of neutropenia and jaundice, periodic blood counts, liver function tests advisable during long-term therapy. Minor changes in EEG patterns, usually low-voltage fast activity, have been observed in patients during and after Valium (diazepam/Roche) therapy and are of no known significance.

INJECTABLE: Venous thrombosis/phlebitis at injection site, hypoactivity, syncope, bradycardia, cardiovascular collapse, nystagmus, urticaria, hiccups, neutropenia.

In peroral endoscopic procedures, coughing, depressed respiration, dyspnea, hyperventilation, laryngospasm/pain in throat or chest have been reported.

Dosage: Individualized for maximum beneficial effect.

ORAL—Adults: Anxiety disorders, relief of symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; acute alcohol withdrawal, 10 mg t.i.d. or q.i.d. in first 24 hours then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d.; adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. **Geriatric or debilitated patients:** 2 to 2½ mg 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) **Children:** 2½ mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

INJECTABLE: Usual initial dose in older children and adults is 2 to 20 mg I.M. or I.V., depending on indication and severity. Larger doses may be required in some conditions (tetanus). In acute conditions injection may be repeated within 1 hour, although interval of 3 to 4 hours is usually satisfactory. Lower doses (usually 2 to 5 mg) with slow dosage increase for elderly or debilitated patients and when sedative drugs are added. (See Warnings and Adverse Reactions.)

For dosages in infants and children see below; have resuscitative facilities available.

I.M. use: by deep injection into the muscle.

I.V. use: inject slowly, take at least one minute for each 5 mg (1 ml) given. Do not use small veins, i.e., dorsum of hand or wrist. Use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Moderate anxiety disorders and symptoms of anxiety, 2 to 5 mg I.M. or I.V. and severe anxiety disorders and symptoms of anxiety, 5 to 10 mg I.M. or I.V. repeat in 3 to 4 hours if necessary; acute alcoholic withdrawal, 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary. Muscle spasm, in adults 5 to 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary (tetanus may require larger doses), in children, administer I.V. slowly; for tetanus in infants over 30 days of age, 1 to 2 mg I.M. or I.V., repeat every 3 to 4 hours if necessary; in children 5 years or older, 5 to 10 mg repeated every 3 to 4 hours as needed. Respiratory assistance should be available. Status epilepticus, severe recurrent convulsive seizures (I.V. route preferred) 5 to 10 mg adult dose administered slowly, repeat at 10- to 15-minute intervals up to 30 mg maximum. Repeat in 2 to 4 hours if necessary keeping in mind possibility of residual active metabolites. Use caution in presence of chronic lung disease or unstable cardiovascular status. **Infants (over 30 days) and children (under 5 years),** 0.2 to 0.5 mg slowly every 2 to 5 min., up to 5 mg (I.V. preferred). **Children 5 years plus,** 1 mg every 2 to 5 min., up to 10 mg (slow I.V. preferred), repeat in 2 to 4 hours if needed. EEG monitoring may be helpful.

In endoscopic procedures, titrate I.V. dosage to desired sedative response, generally 10 mg or less but up to 20 mg (if narcotics are omitted) immediately prior to procedure, if I.V. cannot be used, 5 to 10 mg I.M. approximately 30 minutes prior to procedure. As preoperative medication, 10 mg I.M., in cardioversion, 5 to 15 mg I.V. within 5 to 10 minutes prior to procedure. Once acute symptomatology has been properly controlled with injectable form, patient may be placed on oral form if further treatment is required.

Management of Overdosage: Manifestations include somnolence, confusion, coma, diminished reflexes. Monitor respiration, pulse, blood pressure, employ general supportive measures, I.V. fluids, adequate airway. Use levarterenol or metaraminol for hypotension. Dialysis is of limited value.

Supplied: Tablets, 2 mg, 5 mg and 10 mg, bottles of 100 and 500, Tel-E-Dose (unit dose) packages of 100, available in trays of 4 reverse-numbered boxes of 25, and in boxes containing 10 strips of 10; Prescription Paks of 50, available in trays of 10. Ampuls, 2 ml, boxes of 10; Vials, 10 ml, boxes of 1, Tel-E-Dose (disposable syringes), 2 ml, boxes of 10. Each ml contains 5 mg diazepam compounded with 40% propylene glycol, 10% ethyl alcohol, 5% sodium benzoate and benzoic acid as buffers, and 1.5% benzyl alcohol as preservative.



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FEE FOR MA PATIENT VISIT
TO INCREASE THREE DOLLARS

An increase from \$8 to \$11 in the fee paid to physicians for an office, home, or nursing home visit for patients on Medical Assistance is imminent. Welfare Secretary Helen O'Bannon published proposed regulations in the August 15 edition of Pennsylvania Bulletin setting November 1, 1981 as the effective date for the increase. The fee for physicians treating patients on Medical Assistance last increased, from \$6 to \$8, in July 1980. Society officials will meet with Governor Dick Thornburgh to continue negotiations on September 9.

COMMONWEALTH FUNDS
FOR NEW CANCER REGISTRY

Funding for a cancer registry and the Pennsylvania Cancer Control, Prevention, and Research Advisory Board, established by law in 1980, is included in the 1981-82 Commonwealth budget. The Department of Health has received \$500,000 to begin the program, which remained unfunded for the first year of its existence.

PMS FOUNDATION TO PROVIDE
MEDICAID REVIEW SERVICES

The Pennsylvania Medical Care Foundation (PMCF) has signed a one-year contract with the Pennsylvania Department of Public Welfare to provide peer review of physicians' services to Medical Assistance patients. The contract, which went into effect July 1, is an expansion of the contract through which PMCF reviews medications of MA patients. The Foundation will appoint physicians to review committees whose aim is to educate physicians and prevent instances which would require the intervention of the DPW Fraud and Abuse Unit.

STATE SENATE PASSES
CHILD RESTRAINT BILL

The state Senate approved legislation protecting the safety of young automobile passengers just prior to the summer recess. S.B. 592 would impose fines on parents who fail to provide passenger restraints for children under age four or weighing less than 40 lbs. The bill is now before the House Transportation Committee. The Pennsylvania Chapter, American Academy of Pediatrics, and the State Society support the bill.

PMS BOARD SETS POLICY
ON RIGHT TO BE PRESENT

By voting to make it policy, the Society's Board of Trustees in June made formal an existing practice. It concerns the right to be present of physicians with cases in peer review before the PMS specialty review committees. Making a policy of this practice should serve to remind physicians of this right.

ADMINISTRATOR CANCELS
1981 ARBITRATION FEE

Physicians and other providers will not be billed this year for a fee to operate the Act 111 arbitration panels. Arthur Frankston, panels administrator, announced the decision not to charge after Governor Thornburgh signed into law a bill granting the administrator the right to set arbitration fees "based on the costs incurred in the arbitration process." Any outstanding fees billed in previous years still must be paid.

TWO STATE OFFICIALS ON FOUNDATION BOARD

H. Arnold Muller, MD, secretary of health, and Gerald F. Radke, deputy secretary of public welfare, were elected to the Pennsylvania Medical Care Foundation Board of Directors in July.

PMS BOARD OPPOSES NEW ABORTION BILLS

The Society's Board of Trustees on August 19 voted opposition to House Bills 1725-28, a series of bills restricting abortion, on the grounds of unconstitutionality. The Board also found the bills to constitute an unwarranted invasion into the practice of medicine. H.B. 1725, the key bill in the package, would replace the present Abortion Control Act. It redefines informed consent and requires a 72-hour waiting period between the time of consent and the procedure. The new definition of informed consent is inconsistent with the definition established in Act 111, the "Health Care Services Malpractice Act."

SEVEN PSROs IN STATE LOSE FEDERAL FUNDING

The termination of funding has been announced for PSROs in seven of the 12 Professional Standards Review Organization (PSRO) areas in Pennsylvania. They are those in: Area I (Northwestern PA, Erie); Area II (Central PA, Williamsport); Area III (Northeastern PA, Avoca/Scranton); Area V (Midwestern PA, Grove City); Area VI (Allegheny, Pittsburgh); Area X (Delaware/Chester, Wayne); and Area XI (Montgomery/Bucks, Blue Bell). Termination for Area XI was June 30, 1981. All others will be terminated September 30. Review responsibility now reverts to medicare intermediaries and the state medicaid program.

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editorial

Physicians should lead in planning future health care

"Observe constantly that all things take place by change, and accustom thyself to consider that the nature of the Universe loves nothing so much as to change the things which are, and to make new things like them," Marcus Aurelius, *Meditations IV*.

Health care in the United States has changed. No longer does the traditional country doctor practice in a cottage industry type setting. Now, modern, fully equipped health care facilities are staffed by super specialists, typically located in urban areas.

The evolutionary change in the practice of medicine witnessed over the last 300 years occasionally has responded to changes of a more immediate nature. These changes, the most recent example of which is the CT scanner, result from important discoveries that have beneficial or resounding effects. Gradual metamorphosis is much more commonly experienced and is the result of societal, economic, demographic, industrial, and technical changes.

Economics, although a decidedly important competitive factor, is not the sole ingredient in hospital change. Alex McMahon, AHA president, points out, "Hospitals also survive on their reputations, the quality of their medical staffs, and their relationships with other institutions."

Competition in health care, a goal of the Reagan administration, rapidly is becoming the watchword of the new decade. For physicians, there is general agreement, although studies differ on proportional estimates, that there will be a doctor surplus. Paradoxically, most specialty leaders agree in principle with the studies but do not see oversupply in their individual specialties. In fact, some specialty areas are gearing up for even more resident positions in the coming years. Variables that may alter requisites for physician supply include the emphasis on preventive medicine through health education, the increased use of physician assistants and nurse practitioners, the rise of the HMO, and further technological advances.

The projected doctor surplus will cause hospitals to look closely at the composition of their medical staffs and methods probably will be devised to achieve and maintain

completeness and excellence. The reputation and quality of the medical staff will become increasingly important and aggressive recruitment will be initiated to insure that community needs are met.

To stay equal with changes in medical practice pattern and innovative technological changes, hospitals will be placing more emphasis in areas other than acute care. Demands for satellite clinics, outpatient care, hospice services, and health screening are on the upswing. Advanced procedures, equipment and techniques are essential not only to meet the public, community, and medical staff demand, but also to insure that the hospital's reputation is preserved.

Physicians must assume a leadership position in this fluid health scene. They are conversant, through the patient population which they serve, with the community's priorities and needs and can help the hospital to plan for the fulfillment of these. The medical staff should be prepared to answer the challenges of planning for technological advance with criteria for acquiring expensive equipment and specialists enough to perform sophisticated procedures. The medical staff should be prepared to deal with the physician surplus, whatever direction it takes, to provide the community with enough specialists, and to provide outreach primary medical care when and where applicable.

No other group, consumer or professional, is as knowledgeable or as capable of leading the change in health care as physicians. Although their area of expertise does not extend to the "how-to" nuts and bolts accomplishment of goals, physicians know best what those goals ought to be. Both a resident and a practitioner in the community, and with a background in medicine and advanced medical technology, the physician embodies those qualities necessary to plan intelligently for America's health care future. The competition of the coming decade should only serve to sharpen these qualities.

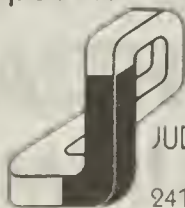
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newsfronts

AMA reorganizes to face future

John B. Lovette, MD



The Pennsylvania Delegation is in the center, above, at the 1981 annual meeting of the AMA House of Delegates.

The Pennsylvania Delegation to the AMA, 62 strong, played a significant role in the dramatic reshaping of the American Medical Association approved at the annual meeting in June. The process actually began at the interim House meeting last December, when the House asked the AMA leadership to review the association's activities and offer delegates a series of options on how the AMA might be programmed and financed during the '80s.

The AMA Board of Trustees responded with a major report calling for a reorganization of AMA structure and staff and a \$35 annual dues increase. Without the reorganization a dues increase of \$70 would have been necessary.

That report was submitted to members of the AMA House of Delegates well in advance of the June meeting. Members of the Pennsylvania Delegation considered it when they met in April prior to the Chicago meeting.

In Chicago, the Pennsylvania family caucused early every morning, prior to the House sessions, for further consideration of issues. In addition to 12 delegates and 12 alternates from

PMS, the family includes medical students, resident physicians who are delegates to the Resident Physician Section, past AMA presidents from Pennsylvania, medical school and specialty section representatives, specialty society delegates, and PMS and county medical society staff.

On Sunday and Monday evenings, the Pennsylvania family hosted open houses so that delegates from other states could meet informally with William Y. Rial, MD, of Swarthmore, then speaker of the AMA House of Delegates. Dr. Rial was nominated

and elected by acclamation to the presidency elect of the AMA at the June meeting.

After reference committee meetings, the AMA House accepted large portions of the reorganization plan submitted by the Board of Trustees. It directed that the AMA's top priority be *representation of the medical profession*.

Three other top priorities are: providing information, both scientific and socioeconomic; establishing and maintaining standards of conduct and performance; and sharing with other



Dr. Rial, now AMA president elect, presides at the opening session of the AMA House.

Dr. Lovette, a Johnstown surgeon, is chairman of the Pennsylvania Delegation to the AMA. He also is a past president of the State Society.

organizations the maintenance and implementation of educational standards.

Delegates also voted to:

Discontinue the Council on Continuing Physician Education. Its function will be taken over by the Council on Medical Education and other groups, with a savings of \$200,000.

Create a new group on scientific policy, absorbing four existing groups and saving \$750,000.

Create a new group on health services policy, absorbing five present groups at a savings of \$526,000.

Streamline other areas such as computers in medicine, negotiations, speaker training, and foreign medical graduate activities to save \$700,000.

While accepting many of the Board's proposals, the House refused to abolish the Councils on Constitution and Bylaws and Long Range Planning. The House also refused to dispense with the interim meeting but instructed the Board to conduct further research on a less costly gathering.

In addition to increasing dues \$35 in 1982, the House voted, in principle, to consider an annual increment in dues in the next two years. The recommended figures are \$30 and \$25. The House also approved a price break for physicians in their second year of practice. They will pay only 75 percent of full dues.

Perhaps the most dramatic change in AMA policy was the decision to permit direct membership in the AMA, bypassing state and county medical societies. This action came after a report from the Council on Long Range Planning and Development cited the shrinking proportion of U.S. physicians who are members of the AMA. According to AMA figures, the number of full dues-paying members has decreased by 18,000 since 1975. Then the Association represented 51 percent of the non-resident physician population; today the AMA represents only 38 percent of the non-resident physician population." The AMA will begin a three-



The Pennsylvania family caucuses each morning.

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Delegates discuss the day's business at breakfast.



Delegation Chairman Lovette



The caucus provides time for reports on reference committee hearings.



Delegation Vice Chairman Grandon

year trial run of its direct recruitment program in May 1982.

The major socioeconomic-political action taken by the House was opposition to the competition bill sponsored by Rep. Richard A. Gephardt (D. Mo.). Association concerns about "pro competition" were voiced in a report from the AMA Board which predicted that the effect of pro competition legislation could be to replace small practice units with large corporate style medicine as big business moves in to restructure the delivery of medical care. The Board report speculated on the development of "provider contracts, closed panel arrangements, negotiated fee schedules, and greater reliance on large group practices where costs theoretically could be lowered through strict internal controls."

The Pennsylvania Delegation introduced four resolutions at the meeting. Delegates unanimously approved

the resolution commending the AMA Board for continuing to review the association's structure and priorities. The other three resolutions were referred to the AMA Board. They concerned:

1. Clinical privileges for physicians with newly acquired skills;
2. Modification of regulations affecting physicians teaching in medical schools; and
3. Direct tax credit for physicians treating patients on Medical Assistance.

In other actions the House voted to:

- Request a Board re-evaluation of association policies on health manpower and their relevance to current developments in physician supply, roles of allied health professions, medical education, and the health services market.
- Support the elimination of government funds for new start-ups of

health maintenance organizations.

- Endorse the concept of equal rights for men and women, but not the Equal Rights Amendment.

- Recommend to hospital staff that admission histories and physicals be performed only by physicians.

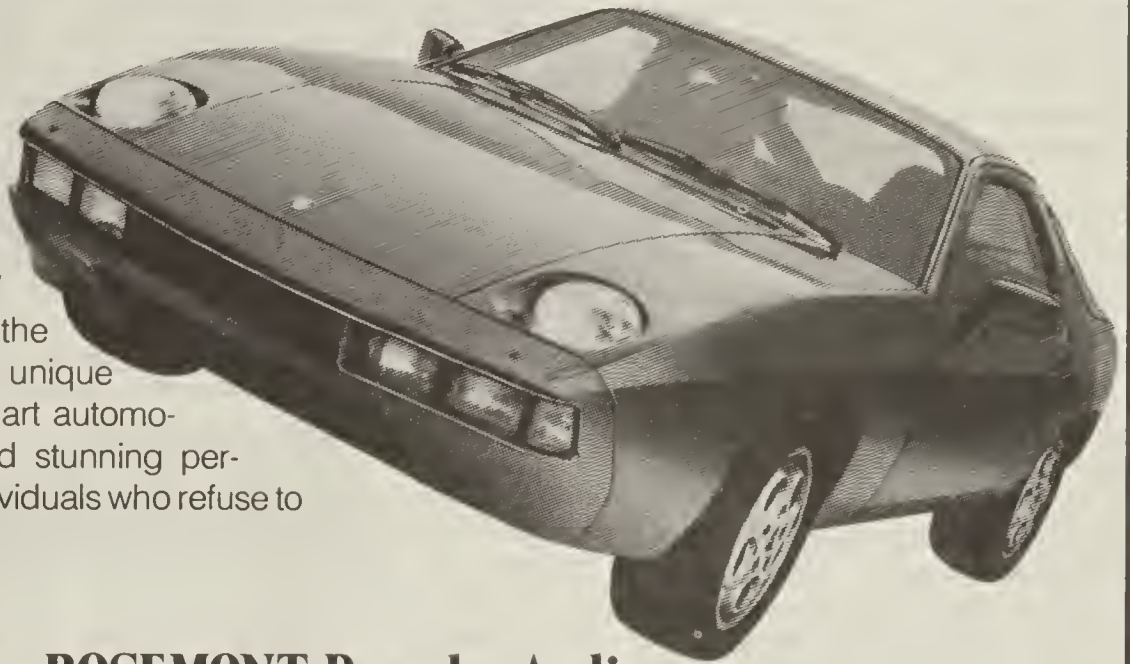
- Urge the Food and Drug Administration to accelerate review of drugs on its "lacking evidence of effectiveness list."

- Support a bill that would place a moratorium on the Federal Trade Commission's activities involving professionals.

- Oppose state laws making physician's licensure contingent upon providing services to medicaid beneficiaries or any other specified category of patients.

- Have the AMA develop an educational program dealing with child molestation, incest, and exploitation of children.

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State ranks first in generic drug use

Pennsylvania physicians wrote more prescriptions for generic drugs per capita in 1980 than physicians in any other state with a generic drug law.

The state health department estimates that Pennsylvanians saved \$6 million in the process.

Jack Ogun, director of the Division of Drugs, Devices, and Cosmetics, reports that 5.73 percent of the prescriptions written by the state's doctors allowed less expensive generic equivalents to be substituted for name brand drugs.

Ogun also announced that the first supplement to the 1980 Pennsylvania Generic Drug Formulary has been distributed. Added to the supplement were tolbutamide, used in treating diabetes, and hydralazine, used in controlling high blood pressure.

Two drugs have been withdrawn from the formulary because of dosage changes which make the generic substitutes no longer interchangeable.

The withdrawn drugs are phenytoin, formerly substituted for dilantin in treating epilepsy, and carisprodol compound, a muscle relaxant.

Family physicians hold annual scientific meeting

The 33rd Annual AAFP Scientific Assembly of the American Academy of Family Physicians (AAFP), the nation's second largest medical organization, will convene September 21-24, 1981 at the Las Vegas Convention Center.

The convention's theme is, "Family Practice: Rx for the 80s." Lead-off speaker will be Academy member Edward N. Brandt, Jr., MD, assistant secretary for health in the Department of Health and Human Services.

Other highlights include talks on treating depression, nuclear medicine, fetal monitoring, care of the aging, sports medicine, sexual abuse, and sleep disorders.

Health department reports 1980 abortion statistics

The state health department recently reported that abortions performed in the Commonwealth last year increased 2.5 percent over the previous year, the smallest increase since 1975, when the department first was required by law to record such data.

In 1980, 65,777 abortions were performed in the state, 61,064 of which were performed on residents of Pennsylvania.

Nearly one out of three patients was a resident of Philadelphia in which county 21,089 abortions were performed.

Other counties reporting large numbers of abortions were Allegheny, 18,179 (9,568 residents); Dauphin, 7,869 (1,583 residents); Montgomery, 5,020 (3,677 residents); Delaware, 3,794 (3,639 residents); Lehigh, 3,449 (978 residents); and Chester, 3,078 (2,022 residents).

physicians in the news

Robert E. May, MD, attending surgeon in charge of urology at Chestnut Hill Hospital, recently was elected president of the Urologic Association of Pennsylvania. Other officers elected are **Michael J. Shaughnessy, MD**, president elect; and **Richard J. Currie, MD**, secretary treasurer.

Donald Kaye, MD, chairman of the Infectious Disease Therapy Advisory Panel of the U.S. Pharmacopeial Convention, recently selected a new panel of experts. Dr. Kaye, professor and chairman of the medicine department at the Medical College of Pennsylvania, chose two Pennsylvania physicians: **John J. Dennehy, MD**, director of the allergy, immunology, and infectious diseases department at Geisinger Medical Center, and **Matthew E. Levison, MD**, associate professor of medicine and chief of infectious diseases at the Medical College of Pennsylvania.

Peter Safar, MD, recently received the state's highest award for contributions to the field of emergency health services. Dr. Safar is head of the Resuscitation Research Institute in Pittsburgh. The Pennsylvania Emergency Health Services Council and the state health department also honored three other physicians with merit awards. They are **William Bouzarth, MD**, member of the state and national Committees on Trauma of the American College of Surgeons; **Thomas Royer, MD**, emergency department director for Geisinger Medical Center; and **William Weisser, MD**, past president of Allegheny County Medical Society.

Jerry Zaslow, MD, JD, a surgeon and attorney in Elkins Park, recently was elected president elect of the American College of Legal Medicine. He is chairman of the surgery department at John F. Kennedy Hospital and is associate surgeon at Albert Einstein and Frankford hospitals.

Governor Dick Thornburgh recently named **Warren A. Katz, MD**, chairman of the newly created Advisory



Jerome S. Adamson, MD, president of the American Society of Plastic and Reconstructive Surgeons, recently spoke to members of the Robert H. Ivy Society of Plastic and Reconstructive Surgery. Pictured (l to r) are **Thomas S. Davis, MD**, secretary; **Stephen J. Herceg, MD**, incoming president; **Dr. Adamson**; and **Walter Okunski, MD**, outgoing president of the Society.

Board of Arthritis. Dr. Katz is chief of the rheumatology division and clinical professor of medicine at Medical College of Pennsylvania. He also is clinical professor of medicine at Temple University Health Sciences Center. Other physician members of the board are **Steven Berney, MD**; **Carl H. Eisenbeis, Jr., MD**; and **Marlin E. Wenger, MD**.

Donald M. Qualls, MD, recently was elected president of the American Orthopaedic Foot Society. Dr. Qualls is

associate attending orthopedic surgeon at Lankenau Hospital and assistant professor of clinical orthopedics at Jefferson Medical College.

The Pennsylvania Society of Colon and Rectal Surgery recently elected new officers: **Gerald Marks, MD**, president; **John D. Rosin, MD**, vice president; **James A. Sheets, MD**, president elect; **John J. Stasik, Jr., MD**, secretary; and **J. Anthony Gilberlain, MD**, treasurer.

Corrections

The PMS Membership Directory issue of PENNSYLVANIA MEDICINE disclosed errors heretofore unnoticed.

Ljubisa Stankovic, MD, Dauphin County Medical Society, practices internal medicine (IM), but was listed erroneously as a family physician (FP).

Halbert E. Ashworth, MD, Berks County Medical Society, a thoracic surgeon, (TS), was incorrectly listed as an internist (IM).

Lawrence A. Gordon, MD, Montgomery County Medical Society, practices at 1455 City Line Avenue, Philadelphia 19151. His address was incorrectly numbered 1445.

S. Jay Hirsh, MD, Delaware County Medical Society, who is a urologist (U), was listed incorrectly OBG.

John C. Schantz, MD, Lancaster County Medical Society, who is a plastic surgeon (PS), was incorrectly listed as a general surgeon.

Morton L. Aronson, MD, Allegheny County Medical Society, is a psychiatrist (P). His specialty code was incorrectly listed FP.

Charles Markosi, Jr., MD, Monroe County Medical Society, was not listed in the Directory. His address is Pine Acres, Box 208, Tannersville, PA 18372. His specialty code is FP.

Seymour Wagner, MD, Montgomery County Medical Society, is listed as an otolaryngologist (OTO). His specialty is psychiatry (P).

The editors regret these errors, and appreciate having them reported for correction.

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Know the facts about medical care costs

William Y. Rial, MD

Cost containment, cost-effective care and cost benefit ratios are big discussion topics in the health care field today—both within the profession as well as outside, and one of the most frequent questions reporters ask me as I travel around the country is, "What is organized medicine doing about health care costs?"

And the search for a scapegoat is the biggest game around. Physicians get blamed because they are the purchasing agents for their patients, and are accused of ordering expensive diagnostic and therapeutic procedures. Hospitals receive the largest portion of the health care dollar and make a good target for accusations of inefficiency and lack of productivity in their operations. Health insurance carriers fall victim for supposedly paying "charges" and "costs" rather than building incentives into their policies which help to reduce the total payout. The "Blues" become a target when subscribers are asked to pay out of their own pockets the difference between usual, customary or reasonable (UCR) fee and what the plan or medicare allows.

Perhaps all segments of the health care field need to take a closer look at the role each plays and the contribution that each can make in enhancing cost awareness and rational decisions on the ways in which cost reductions in total health care expenditures may be accomplished without sacrificing quality services.

Looking at physicians first—Pennsylvania Blue Shield paid out in 1980 for physicians' services for just five procedures \$43.5 million.

Twenty five percent of that total was paid for surgical extraction of teeth. Another 20 percent was paid for removal of benign lesions. Nearly 20 percent was payment for hysterectomies. And 19 percent of the payout was for aortocoronary bypass grafts. The last of the big five was Cesarean sections.

At least two of the big five payouts are related to scientific and technological advances during the past decade that make yesterday's medical miracles today's routine services. One is related to improved public education on the importance of early detection of

potential malignancies. Inpatient surgical tooth extractions are not so easy for physicians to understand except to the extent that the superior equipment and services in hospitals may make hospitals a more appropriate setting if problems are anticipated.

These figures on payouts for medical and health care services clearly indicate one thing. When people are sick, they demand application of all of the technology available and there is a generally widespread public belief that medical care serves should not be withheld from anyone, and especially not for cost or economy reasons. Ob-

Dr. Rial, president elect of the American Medical Association, is a family physician in Swarthmore, Delaware County. A former speaker of the PMS House of Delegates, he has maintained a vital interest in the State Society. During the next two years, as he views national health affairs from a unique position, he will report on these matters to his colleagues through a column in PENNSYLVANIA MEDICINE.

viously someone has to pay for the best medical care and hospital services available in the world. This kind of demand has a very high price tag and hence much attention is being focused on how to meet need, provide access to the services, and still keep the price affordable.

Medicine has been traveling down the "cost-containment-through-regulation" highway for more than ten years. There was health planning to reduce the number of hospital beds, PSROs to keep bed utilization under control and reduce the length of stay, and hospital rate regulations to try to "cap" allowable reimbursement.

Today competition and deregulation are the rallying cries. I serve on an advisory task force to the Secretary of Health and Human Services. It is trying to wrestle with the problem of drafting legislation that will increase competition in health care delivery. That task will not be easy, if it is possible at all, but to the present Administration it appears to be the only viable alternative to socialized medicine, that great Red, White and Blue Cross/Shield of an unthinkable future. Yet the signals we are getting from the Executive Branch of the government indicate that it is just as eager as its

predecessors were to trim federal expenditures for health and medical care. In other words we have been challenged to see what we can do.

It is important for us as physicians to look closely at what the competition proposals portend. To some, competition might mean that all regulation in the health care field should be removed. Total deregulation, while on the surface a very palatable dish would probably not serve the public interest. Most of the competition planners are aware of the fact that some regulation is needed to assure quality medical care services. Deregulation in the airline industry did not mean that commercial airlines would be entrusted to unlicensed or unqualified pilots. The safety of the public demands that airline pilots be qualified to fly sophisticated equipment and that they be physically and mentally fit to carry out their duties and responsibilities. The same reasoning makes it imperative that our colleagues in California do all they can to assure that the proposal of the BMQA, (Bureau of Medical Quality and Assurance) not be enacted. This scheme would discontinue the prosecution of unlicensed individuals who attempt to practice a healing art, under a marketplace philosophy known as *caveat emptor*, or let the buyer beware. The proposal, although continuing the licensure of physicians and dentists would not prosecute these unlicensed persons, except in the event that the "therapy" became a criminal act. Then they would be tried under criminal statutes rather than civil statutes such as the licensing laws. Such a "marketplace competition" philosophy seems so alien to physicians that we find it not only incomprehensible but repulsive to contemplate.

Help me convince the media of our commitment to cost awareness by looking carefully at what you order or do for your patients and by admitting patients who need to be in the hospital and not those who could be managed diagnostically and therapeutically as outpatients. If the HMO can do it, why can't those of us in more traditional practice situations effect economies? The challenge is there—can we meet the challenge?



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Complete literature available on request from Professional Services Dept. PML.



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Medicare changes ease home health care financing

G. Harlow Flory

Today you discharge Mr. Smith. You've had a lot of patients like him — elderly patients who have suffered heart attacks or strokes. His wife is a healthy 77 year old, but she won't be able to care for her husband without help and she won't hear of having him admitted to a nursing home.

But you can discharge Mr. Smith today and send him home. In Pennsylvania there are 117 home health agencies which provide the medical supervision and the social services that Mr. Smith needs.

As the geriatric population increases, there is increasing sentiment on the part of the general public, health care professionals, health insurers, and government officials that home health care can be a practical component of the health care delivery system.

Definition

Home health care is a combination of health care and social services rendered to individuals and families in their homes or other community settings.

Medical needs first are established by a physician and a plan of care is developed. Subsequent professional care received in the home can include skilled nursing; physician care; dietary advice; occupational, physical, recreational, and speech therapy; and laboratory services. Other services are home-delivered meals, companionship, and patient and family education.

Financing

Medicare's conditions for financing home health care are less restrictive with recent changes that make it easier to receive financing under medicare part A, and reduce the cost under medicare part B.

As of July 1, 1981, medicare home health care financing:

- eliminates the three-day, pre-hospitalization requirement under part A.

- requires only that care rendered be skilled care rather than the previously required continuation of acute hospital care under part A.

- lifts the 100 visits per year limitation under parts A and B to allow an unlimited number of visits if they are medically justified.

- eliminates the \$60 deductible under part B.

For medicare to pay for skilled nursing, home health benefits under part A, (hospital component) the following conditions must be met:

1. The home health care provided must be skilled care.

2. The care must include skilled nursing care and physical, occupational, or speech therapy.

3. The patient must be home-bound.

4. A physician must determine the need for home health care and establish a treatment plan within 14 days of discharge from a hospital or nursing home.

5. The agency providing home health care services must be certified.

Once the preconditions have been met, medicare part A will pay allowable costs for an unlimited number of visits during a year.

The following conditions must be satisfied to receive benefits from medicare part B:

1. The need for skilled nursing home care and occupational, physical, or speech therapy must be determined by a physician.

2. A physician must establish a plan of treatment.

3. The patient must be home-bound.

4. The agency providing services must be certified.

Pennsylvania's Medical Assistance (MA) program covers skilled or intermediate nursing care in the home and includes other benefits such as medi-

cal equipment and supplies. MA pays \$13 per visit up to 180 days after hospitalization.

Private insurers now are offering coverage for some home health care services. For example, all Blue Cross plans in Pennsylvania offer subscribers coverage that includes home health services.

Cost considerations

Home health care can be less expensive than institutional long-term care. Blue Cross studies conducted in New York, Colorado, Oregon, and Pennsylvania indicated that the number of hospital days decreased and the costs of care decreased when home health care was used as an intensive, short-term skilled nursing extension of acute hospital care. Similar treatment at a long-term care facility would have incurred greater costs.

When home health care is used to replace institutional care of chronically impaired patients, however, its cost effectiveness is questionable. Studies conducted in North Carolina and Minnesota indicate that for 91 percent of the patients in nursing homes, any other type of care was economically unrealistic. This percentage may have been higher since the studies failed to measure social factors such as familial willingness to help care for the deinstitutionalized patient.

Any discussion that compares the cost of home health care with the cost of long-term institutional services must be approached carefully. Home health care may be the preferred method of delivery, but it also may be more expensive depending on the extent and number of services needed.

Coordinating the programs

Federal, state, and local government officials recognize that home health care and related home services for the elderly are not coordinated effectively. The types of services provided differ or are called by various names in different programs. This

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creates confusion among beneficiaries over the best source of financial assistance. Eligibility criteria also differ.

The administrative confusion begins in the federal Department of Health and Human Services where three separate entities have responsibility for handling home-related services. These organizations, the Public Health Service, the Office of Long Term Care, and the Administration on Aging, appear to function independently.

In Pennsylvania, the administrative responsibilities are divided among the Department of Health, the Department of Public Welfare, and the new Department of Aging, all of which operate independently.

On the local level, 117 home health agencies in Pennsylvania provide services under medicare and medicaid, and 47 Area Agencies on Aging administer social services under Title XX of the Social Security Act. Mental health/mental retardation service units can provide home care services to the mentally retarded. Child welfare agencies provide some homemaker services, and voluntary agencies such as the American Red Cross, Easter Seals Society, and March of Dimes also directly or indirectly provide home care services.

Licensure

Two legislative actions recently changed the reimbursement provisions of the federal regulations. On the state level, Act 136 of 1980 enables for-profit and nonprofit home health agencies that comply with Pennsylvania licensure regulations to receive medicare and medicaid reimbursement.

On the national level, Congress passed Public Law 96-499 which waives the requirement that for-profit home health agencies must be licensed by the involved state before they can receive medicare or medicaid reimbursement.

Effective July 1, 1981, both for-profit and nonprofit agencies can

receive public reimbursement by meeting the federal "Conditions of Participation." These conditions regulate four areas of interest to the physician with regard to the operation of a home health care agency: acceptance of patients; plan of treatment; periodic review of plan of treatment; and conformance with physician's orders.

The question now becomes one of blending the state licensure requirements with those of the federal regulations.

Accreditation

Currently about 40 percent of the home health agencies certified to receive government reimbursement

participate in voluntary accreditation programs. Pennsylvania's 31 hospital-based home health agencies are accredited through the JCAH. Nineteen county-based agencies are accredited through the National League of Nursing.

Conclusion

Stroke or heart attack victims discharged from the hospital need not automatically be admitted to nursing homes. Home health care often can provide the degree of medical supervision and social services that are required by such patients. Physicians should be aware that this mode of delivery is available in the state. □

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Seeking solutions to toxic waste management problems

George D. Lumb, MD, MRCP

The public is rightly concerned with the problem of the effect on health of various environmental factors. These can result from natural causes, such as volcanic eruptions or blowing agricultural dusts; or from artificially induced aerial and water pollution from various industrial sources.

The safe disposal of hazardous wastes has become a matter of urgency in recent years. In Pennsylvania, where the fourth largest quantity of hazardous wastes in the United States is generated, considerable attention is paid to the problem by highly motivated state authorities and guidelines for disposal methods have been and are now being defined.

Reaction to the health problem tends to be extreme. At one end of the spectrum are those who are willing to follow a prescribed law, providing it does not seriously interfere with production and profitability. At the opposite pole are those who advocate closing all plants and factories suspected of generating any potentially dangerous products or by-products.

It is important to define a rational attitude and it is particularly important for physicians to understand the problem so that they can adequately advise their patients.

Advisory role of physicians

Most of us, as physicians, have been taught to think in terms of crisis medicine. When a patient feels ill, we try to define the problem and to treat it. Most of our study of disease is related to pathogenesis, or the natural history and spectrum of an established process. When confronted with a variety of possible etiologic agents, we are not accustomed to assessing their capacity for disease production in the absence of prior knowledge of established associations with illness. We have, perhaps, not fully understood that the establishment of disease is multifactorial. Thus, even the clinical state of tuberculosis depends not only on the tubercle bacillus as an etiologic agent

without which the disease will not develop, but, also on other factors, such as climate, nutrition, social background, and poverty.

When the physician accepts his role as an advisor of the possible risk of disease in addition to continuing as a therapist of established disease, he will need certain information.

Simple short accounts must be made available describing how environmental hazards affect health and how they may interact to produce disease or to modify existing disease.

Lists must be prepared identifying known toxic substances on a regional or county basis, so that individual physicians can be alerted to what they might expect to encounter in their practices.

A physician cannot be expected to be an engineer, but simple descriptions of correct procedures for disposal of toxic waste should be provided. In this way physicians can communicate with their patients who may be confused and alarmed by what they hear and see in the news media.

All physicians can perform an important function in increasing our inadequate knowledge of environmental hazards. They must be alert for "signal lesions" — any unusual numbers of a particular process or syndrome occurring in a population group. Even when only small numbers of cases are involved, valuable information can result from recording such incidents. Perhaps pooling information on a state-wide or national basis also can be used to improve further this form of investigation. It was by noticing signal lesions that vinyl chloride was linked to hepatic angiosarcoma; that DES was connected with vaginal adenocarcinoma; and that oral contraceptives were associated with certain

liver tumors.

The dangers related to hazardous and environmental agents can be considered under at least two categories: the generation of hazardous material and the disposal of hazardous wastes.

For many years attention has been paid to the problems related to the generation of dangerous material, and a number of regulations of varying degrees of effectiveness have been designed in an attempt to control them. Only recently, however, has any determined effort been made to identify and to control the disposal of hazardous wastes. This lack of interest may stem from the fact that most of us think little or not at all of what happens to something once we have "finished with it."

Recently, I was asked to review the problems at Love Canal¹ and the following account is an overview of some factors involved in hazardous waste disposal.

History of Love Canal

In 1836 a United States' government engineer realized that a junction between Lake Erie and Lake Ontario would make it possible to connect the water system of the five Great Lakes with the Mississippi River Valley, thus, opening up the entire water way between the Atlantic Ocean, at the Gulf of St. Lawrence, and the Gulf of Mexico. He reviewed the area in the region of Niagara Falls and found that Lewiston, New York, was the most suitable site for a ship canal. It was close to the Niagara River and it was at the bottom of a 300 foot escarpment. It was not only an excellent place for a ship canal but also it had potential as a source of cheap water power.

Nothing came of his recommendation until William T. Love arrived in Niagara Falls in 1892. He wanted to build an industrial city with convenient access to inexpensive water power and major markets. He proposed to construct a navigable power canal between the upper and lower

Dr. Lumb is professor of pathology and director of the environmental pathology department at Hahnemann Medical College and Hospital of Philadelphia.

Niagara Rivers which would service an industrial complex. The site he chose is approximately 7 miles northeast of the Niagara Falls. Water transportation was afforded directly to the site by the Lower Niagara River and Lake Ontario. Within a 100-mile radius of his proposed development, at that time, there was a population of more than 2 million people. He realized that the water power would provide the cheapest electric power for it was essential in 1892 that industry be located near its power source because it was impossible to transmit electricity over distances.

He was initially successful in his promotion. He gained public support and financial backing. In 1894 work on the canal began. In that year, however, a full-scale economic depression was beginning and people began to cut off financial support. Worse than this Louis Tesla discovered the means to provide alternating current, and thus to transmit electricity over distances. The purpose of Mr. Love's proposal disappeared and the project was abandoned. All that remained was a piece of the canal which children who lived in the area used as a swimming hole until the 1920s.

In the middle of the 1920s, this swimming hole was put to work for industry. It became a disposal site used by several chemical companies in the area and also by the City of Niagara Falls. Chemicals of unknown kind and quantity were buried there until 1953 when the ditch was full of waste material and the site was covered with earth.

At the end of the 1950s, the political fathers of the area decided to put the land to use. They proposed a housing development which would include an elementary school. The Hooker Chemical Company, which owned the land, agreed to sell the area to the city authorities.

The development proceeded; a school was built; and two straight streets, 99th Street and 97th Street,

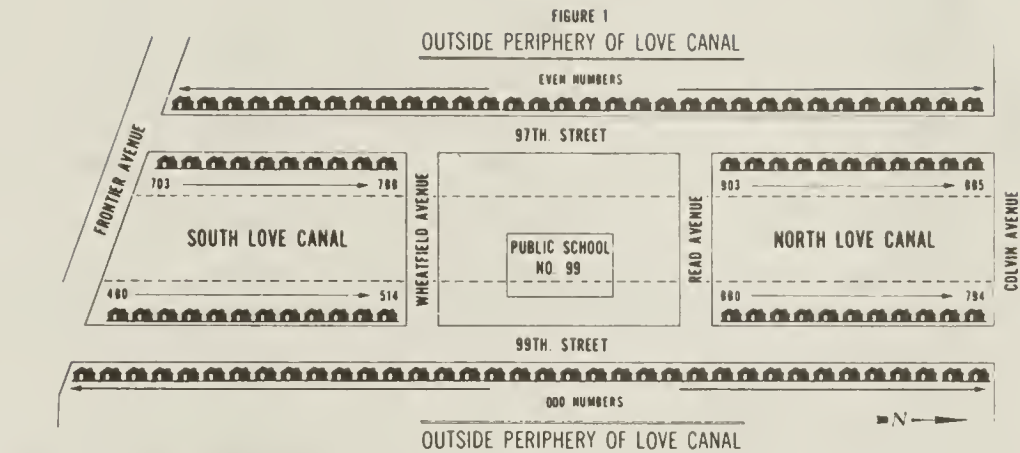


Figure 1. Plan of streets, school, and dump.

were laid out. Between these two streets is the former Love Canal with its buried dump of chemicals.

Almost in the middle of this area and directly over the former canal site, the elementary school was built (Fig. 1). There were rumors of chemical smells in the area but because the district of Niagara Falls is filled with chemical companies and the air is considerably polluted the smells did not seem particularly unusual.

The Niagara Falls area experienced some extreme rains and one of its worst blizzards ever in the early 1970s. Soon after the blizzard, dark fluid was found seeping into the basements of the houses close to the canal. Large lumps of blackish material began to appear in the yard of the school and the backyards of the houses bordering the chemical dump. It was quickly realized that the fluid material, the gaseous smell, and the solid material were part of the chemical dump which was beginning now to surface. The story of Love Canal, which has been termed a horror story and a disaster, became the focus of attention and mounting hysteria on the part of the people living in the area, and, finally took state and federal intervention for the evacuation of families.

Sampling, identifying chemicals

In the spring of 1978, an extensive air, soil, and ground water sampling

analysis program began. It included identifying a number of compounds in the basements of 11 homes adjacent to Love Canal. As a result of the immediate findings, the Commissioner of Public Health of New York State said Love Canal was "an extremely serious threat to the health and welfare of the population" and ordered further investigations. It was shown that the houses in what has been called the "first ring" around the canal (Fig. 1) were more heavily contaminated than those in the outer ring. Of these, the houses on South 97th and 99th streets had the highest levels of contamination (Fig. 2).

The ten most significant chemicals identified at the site are shown in Figure 3. The highest value obtained for benzene appears to be considerable. The present acceptable industrial level for benzene is 10 parts per million and OSHA is seeking to lower the safe limit of benzene to one part per million. This request has been denied on the basis that not enough evidence is available to support such a reduction. The highest level observed in the Love Canal area for benzene was 270 mcg/m³ or 0.00027 mgm/liter. This represents an equivalency of 0.085 parts/million. This is based on the known fact that one part/million for benzene is 0.00319 mg/liter.

Miscarriages

An investigation of miscarriages in

**ORGANIC COMPOUNDS IN AIR SAMPLES LOVE CANAL,
JUNE–AUGUST, 1978 (micrograms/m³)**

Location	No. Houses	Lowest Value	Highest Value	Median	Mean	% with Measurable Level
Ring 1						
North 97th	25	0	393	17	67	92%
Ring 1						
North 99th	28	0	142	9.5	29	89%
Ring 1						
North, Total	53	0	393	.12	47	91%
Ring 1						
South 97th	22	0	3616	53.5	427	95%
Ring 1						
South 99th	24	0	6944	24	356	96%
Ring 1						
South, Total	46	0	6944	28	390	96%
Ring 2						
North 97th	22	0	43	0	6	41%
Ring 2						
North 99th	25	0	149	0	12	48%
Ring 2						
North, Total	47	0	149	0	9	45%
Ring 2						
Central 97th	15	0	69	3	10	67%
Ring 2						
Central 99th	13	0	170	0	13	15%
Ring 2						
Central, Total	28	0	170	0	12	43%
Ring 2						
South 97th	21	0	63	8	13	62%
Ring 2						
South 99th	28	0	37	0	4	43%
Ring 2						
South, Total	49	0	63	2	8	51%
Ring 1						
Total	99	0	6944	17	207	93%
Ring 2						
Total	124	0	170	0	9	47%

Figure 2. Contaminants in air samples.

COMPOUNDS	NO. OF TIMES FOUND IN HOUSES	PERCENT OF TOTAL HOUSES SAMPLED	HIGHEST VALUE OBSERVED
Chloroform	23	26	24 ug/m ³
Benzene	20	23	270 ug/m ³
Trichloroethene	74	84	73 ug/m ³
Toluene	54	61	570 ug/m ³
Tetrachloroethene	82	93	1140 ug/m ³
Chlorobenzene	6	7	240 ug/m ³
Chlorotoluene	32	36	6700 ug/m ³
m+p xylene	35	40	140 ug/m ³
o-xylene	17	19	73 ug/m ³
Trichlorobenzene	11	13	74 ug/m ³

Figure 3. Significant chemicals and their incidence.

the area revealed that more than twice the anticipated number of miscarriages (2.08) occurred among the women living in the 99th Street South

section. There were no significant differences between the observed and expected distributions for the other sections (Fig. 4).

Careful examinations were made of the conditions of the street itself, and of the women living there. The women's background histories lacked evidence of abnormal pregnancies before coming to the Love Canal area. A significant number of pregnancies were studied as most of the families were young. In summary, nothing emerged from the study of the women themselves to suggest any reason for an increased number of miscarriages other than the fact that they were living in the Love Canal area and the likelihood of some environmental influence seemed a real possibility.

The study of 99th Street South was interesting because the oldest houses were here and the average duration of residence of women in these blocks was longer. It was found that women with miscarriages had resided on the canal for an average of 18.58 years versus an average length of residence of 11.52 years for those without miscarriages. This difference was statistically significant representing a chance-occurrence probability of 4 in 1,000. The data also indicated that this occurrence was not due to differences in age or number of pregnancies reported by the women.

Although the numbers are small, there do seem to be some important correlations:

- The greatest number of miscarriages occurred in the street where there was the highest contamination (99th Street South).

- The women with the miscarriages had lived on the street for a significantly longer period than those without miscarriages.

- The occurrence was not related to age or to the number of pregnancies.

A chromosome damage study was performed on certain residents of the Love Canal area. Although chromosomal changes in a population may have meaning, in an individual, at the present state of our knowledge, they cannot be interpreted.

The study performed on the Love Canal population led to problems of interpretation and differences of opinion between various experts who examined the results. It is difficult to know, therefore, whether:

The study should be regarded as a pilot study suggesting that further work be performed (as was observed

**Maternal Age and Number of Miscarriages (Observed and Expected*)
Among Residents of Four Specified Areas of the Love Canal**

Maternal Age	99th. South			99th. North			97th. South			97th. North		
	Obs.	Exp.	O/E	Obs.	Exp.	O/E	Obs.	Exp.	O/E	Obs.	Exp.	O/E
20	—	0.106	—	—	—	—	—	—	—	—	0.106	—
20—24	—	0.710	—	—	0.290	—	—	0.571	—	—	0.281	—
25—29	2	1.090	1.83	1	0.972	1.03	—	0.524	—	—	0.968	—
30—34	3	0.860	3.49	2	1.132	1.77	1	0.294	3.40	—	0.391	—
35—39	3	1.084	2.77	3	1.554	1.93	—	0.272	—	2	0.486	4.12
All Ages	8	3.850	2.08	6	3.948	1.52	1	1.661	0.60	2	2.232	0.90
Chi Square: P=	0.022			> 0.05			> 0.05			> 0.05		

* Based on Warburton and Fraser: Spontaneous Abortion Risks in Man: Data from Reproductive Histories Collected in a Medical Genetics Unit. *Human Genetics* Vol. 16, No. 1, 1964, page 8.

obs — observed

exp. — expected

O/E — Observed/expected
Relative Odds Ratio

Figure 4. Data of miscarriages.

and reported by the scientists who performed the study).

or whether

The tests had been done so poorly as to be useless (as was reported by a panel convened by the Environmental Protection Agency to review the material).

Unfortunately some of the results of this study were released to the press. The news distressed and even led to hysterical outbursts on the part of the people living near Love Canal.

At the present time and with the data available, it appears that the tests performed on people in the region of Love Canal have shown no specific abnormalities except for a possible increase in incidence of miscarriages in the women living in one particular area immediately adjacent to the canal dump. This is the area where the highest levels of poisonous materials, including benzene, were found but these levels were extremely low.

Pollution risks

Very little is known of the effect of low doses of toxic substances. There are, however, three possible relationships between carcinogenesis incidence and pollutant concentrations. A simple graph (Fig. 5) identifies these three concepts.²

The lower curve, A, shows a threshold theory which assumes that cancer incidence varies as the square of the dose at low levels, leading to an

Illness measure

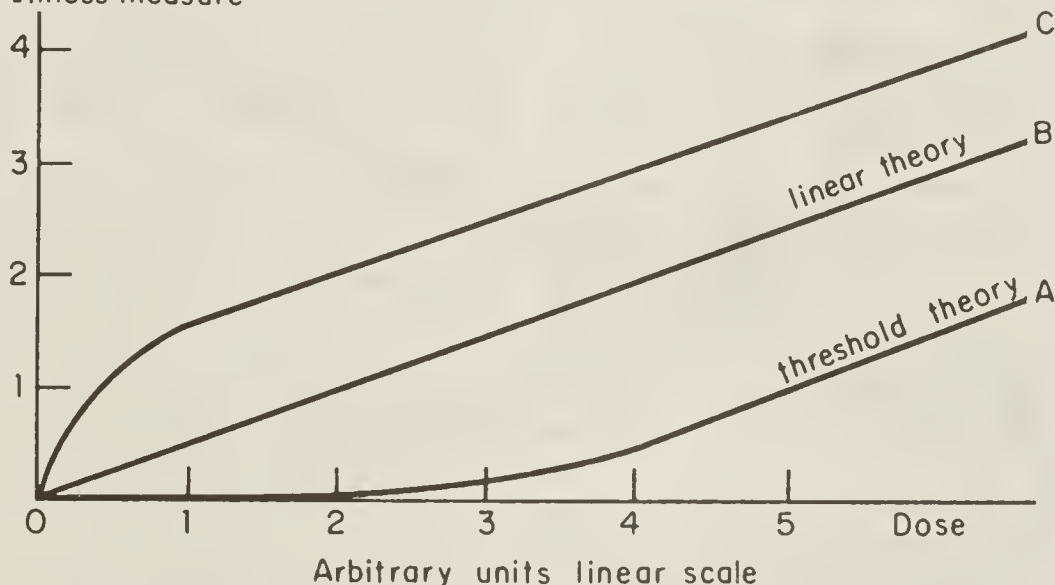


Figure 5. Graph — linear and threshold theory.

approximate threshold level.

The second curve, B, is the "linear theory," in which incidence is considered to be proportional to the dose and, therefore, the incidence passes back to the zero point.

The third, C, which is the least commonly accepted, shows a situation where the pollutant is relatively more important in inducing cancer at lower doses.

The difference between these three dose-response relationships is crucial in determining methods for reducing pollution-related diseases. Most of our knowledge of the effects of toxic substances comes from small numbers of exposed persons.

Given 1,000 people, if one person dies each year related to some pollutant, it would mean that after 10 years, there would be a 1 percent effect, which is just statistically significant. With the same exposure given to 200 million people, 200,000 deaths a year would be expected.

Now suppose the exposure to this 200 million people was reduced by a factor of 100. According to curve A, the threshold theory, very few people or no one would die. According to curve B, the linear theory, 2,000 people would die per year. According to curve C, more than 2,000 people would die per year.

In fact, we have no valid evidence to

support a distinction between these three curves. Animal experiments have not resolved this matter because the number of animals that can reasonably be used is small when it comes to analyzing statistical probabilities.

An important point to consider is that where cancers have been identified with known carcinogenic substances in humans, the pollutant is evidently well above a threshold level if such exists. This means that any additional dose of such a pollutant would be functioning along a linear part of the curve. Accordingly, a linear dose-response relationship could be used as a measure for such substances.

For example, a linear response has been seen in a study of cigarette smoking. It was shown that smoking 40 cigarettes a day is 10 times more hazardous than smoking 4 cigarettes a day. There are no data, however, at low levels of, for example, 1 cigarette a year.³

The fact that something can be done to modify an environmental factor, however, is suggested by Auerbach et al⁴ who examined bronchial biopsies from men dying of causes other than lung cancer between the years 1955-60 and 1970-77. The objective was to see whether the atypical changes which occur in the bronchial mucosa of smokers had diminished during the years 1970-77 when low-tar cigarettes and filters had been used.

The findings indicated, as was expected, that the atypicalities were significantly higher among the smokers than the nonsmokers and that the changes could be dose related to the number of cigarettes smoked. The biopsies between 1970 and 1977 also showed that, although the difference between smokers and nonsmokers still existed, the changes in the smokers had significantly diminished.

There are also data of linearity with chemical cancers induced in animals. The incidence of angiosarcomas induced in rats by vinyl chloride at 1,000 parts per million is linear with the concentrations. It also appears that the slope of this curve is consistent with the slope of a curve obtained from 68 known human cases of liver angiosarcomas in workers exposed to high levels of vinyl chloride. What we do not know is whether liver angiosar-

comas at concentrations of 20 parts per million or below exist. Whether or not a threshold exists is still questionable.

The permitted exposure level for vinyl chloride to workers in factories is 1 part per million. It is known that no liver angiosarcomas have been observed in animals or man at 20 parts per million or below. If 20 parts per million is the real threshold, then exposure of 200 million Americans at 1 part per million leads to no hazard. If we assume a dose-effect relationship, one cancer every year might occur among 10,000 workers, or, 14,000 a year among the entire population.

Setting the levels at 1 part per million in the factory, makes the average exposure of the 5 million Americans near plants less than 1 part per billion vinyl chloride. This should lead to one cancer in two years, even on a linear theory. Most people would agree that this is as close to zero as it is reasonable to come. It is also true that if the linear theory were used to enforce total removal of the toxic product, it would bring the industry to a standstill.

In summary, a linear theory gives an opportunity to work out useful figures and statistical evaluations. These figures must be used sensibly on a cost-risk basis and as a result, the Delaney clause may have to be modified.

In all these evaluations, it should be remembered that everything we know related to exposure of children and fetuses to x-rays suggests that the infant and fetus are five times more sensitive than the adult. With that in mind, we must take special care to protect them.

Conclusion

We must learn from our mistakes. Love Canal has shown that we can no longer bury our problems in the earth or throw them into rivers or even the ocean without taking precautions.

Today, the residents of Love Canal have few abnormalities which can be proved to have resulted from the toxic substances seeping into their basements. Long-term observations yet may reveal pathologic changes. Much psychologic and property damage has certainly occurred. What is also apparent is the unfortunate manner in which the problem was handled. These errors must be carefully studied and avoided in the future.

Problems similar to Love Canal are occurring all over the country. A current example is a housing development proposed in Montgomery County, Pennsylvania, near Philadelphia, on a 19-acre tract in which toxic chemicals were illegally dumped some 15 years ago. Two slightly encouraging facts emerge: first, the dump would never have been identified had not one of the participants of the dumping come forward to reveal the presence of chemicals when he heard of the proposed housing development; and second, a physician, who is also a county commissioner, objected to the proposed investigations by the local environmental agency, so that a more detailed analysis of the problem is now underway.

We must not be lulled into a feeling of false security by the fact that a disaster can occur without a significant and immediate outbreak of disease. On the other hand, we must not overreact to dangers which may not exist.

We must develop standards. There should be no benzene in a homeowner's basement. There can be a permissible level of benzene in a factory or a laboratory.

Illegal dumping of chemicals must be severely punished even though it may have happened in the past. Chemical companies cannot be excused on the basis that the most significant consequences at Love Canal at the present time are psychologic and financial damage. Similar dumps all over the country must become examples to others that this cannot continue.

As physicians we must be involved in these problems, but first, we must learn the facts so that we can teach others. □

REFERENCES

1. Lumb, G.: Love Canal: an exercise in the consideration of industrial waste disposal and potential health hazard and industrial chemical waste. *Topics in Environmental Pathology: Elements of Curriculum for Students of Medicine* (Vol II) (In the Press).
2. Wilson, R.: *Yale Jour of Bio and Med* 51:37, 1978.
3. Doll, R., Hill, A.B.: *Brit Med Jour* 1:1399, 1964.
4. Auerbach, O., Hammond, E., Garfinkel, L.: *New Eng Jour Med* 300:381, 1979.
5. *Love Canal: Public health time bomb*. Office of Public Health, State of New York, Special Publication, 1978.
6. Kolata, G.B.: *Science* 208:1239, 1980.
7. Personal communications: Peter Greenwald, MD, Director, Division of Epidemiology, State of New York, Department of Health, Office of Public Health; and Dr. N.J. Vianna, State of New York, Department of Health.

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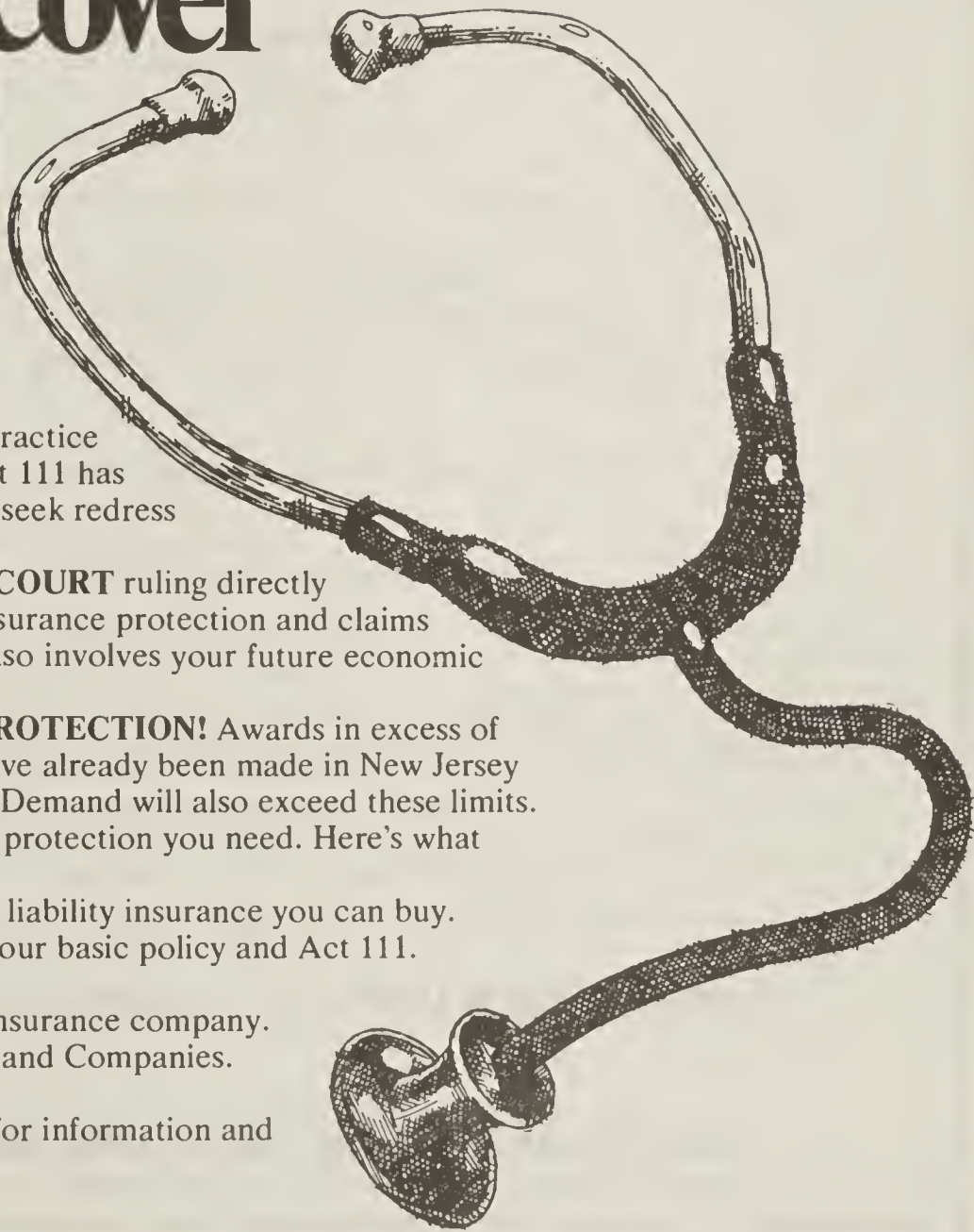
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Medical ethics in the nuclear age

Gordon K. MacLeod, MD, FACP

In preparing for this meeting of physician leaders, I found myself turning to a friendly old piece of writing — one which gives me much-needed inspiration.

The piece I refer to is *Aequanimitas*, the valedictory delivered by Sir William Osler at the University of Pennsylvania on May 1, 1889.¹ The words of Dr. Osler's third paragraph still prevail, and I think these words will prove that some things do thankfully stand the test of time.

Dr. Osler says, "In the physician or surgeon, no quality takes rank with imperturbability and I propose for a few minutes to direct your attention to this essential bodily virtue . . . Imperturbability means coolness and presence of mind under all circumstances, calmness amid storm, clearness of judgment in moments of grave peril, immobility, impassiveness, or to use an old and expressive word, phlegm."

Dr. Osler's calmness amid storm, is emphasized in another beautiful and simple piece of writing: "O God and Heavenly Father, grant us the serenity of mind to accept that which cannot be changed, the courage to change that which can be changed, and the wisdom to tell the one from the other."

Aequanimitas can give us the serenity — the equanimity — to know our own limitations as physicians. It gives us the courage to move forward to confront new medical challenges and to face head-on the increasingly complex moral issues that are inherent in the wake of ever increasing technological growth in the world around us. And it gives us the wisdom to leave well enough alone. What wisdom that does take. *Nihil primum nocere*. First of all do no harm, especially in a profession where we often find ourselves under uncommon stress, particularly when facing the unknown.

Dr. Osler's essay is a challenge around which I have built my message. For it does indeed — although written in 1889 — place a new emphasis on medical ethics in the broadest sense of that term. Indeed, the world would be a better place to live if we always met change with equanimity. And this very quality often permeates a physician's professional life. As

physicians, we have long been called upon to respond to the ravages of disease with equanimity.

Tomorrow's physicians will increasingly be called upon to respond to the consequences of technology in society. And our response to that challenge hopefully will be with wisdom or with courage or sometimes with serenity. Lest we as physicians impede scientific progress, a whole new emphasis on medical ethics is needed. And that brings me to the subject of my message — "Medical ethics in the nuclear age".

We are talking about a vast range of moral questions — outgrowths of Judeo-Christian traditions — that have been thrust upon the medical profession as a result of galloping technology that severely challenges

PENNSYLVANIA MEDICINE presents thoughtful opinions on the accident at the Three Mile Island nuclear energy installation at Middletown. Dr. MacLeod delivered this address at a breakfast meeting during the 1981 Officers' Conference. Dr. MacLeod, who was Pennsylvania's secretary of health at the time of the accident, is professor and chairman of the Department of Health Services Administration of the Graduate School of Public Health at the University of Pittsburgh. A response to this article from H. Arnold Muller, MD, current secretary of health, begins on page 32.

previous concepts and guidelines governing our professional behavior. Without ethical guidelines or professional support to match the technology, the actions we take, and the responsibility for those actions, will be uneven, unpredictable, and unfortunately often wrong. Ethical behavior rooted in Judeo-Christian morality is not always easy to practice.

Some good examples of the complex moral and medical issues inherent in our technology can be found in our environment. They parallel environmental contamination by polychlorobiphenyls (PCBs) in our rivers and streams, by Pennsylvania's 20 toxic waste dumps, not to mention the radiation released from Three Mile Island. I shall focus on the latter.

Nuclear energy

There are many aspects of nuclear energy, in general, that we cannot change. One is the inherent risk of this almost certainly needed source of power. Just as certainly, if we are to be prepared either to monitor or to manage the health aspects of another nuclear accident, there are elements that can be changed and must be changed. And the complexity of our galloping technology demands that we learn the difference. Let's briefly review the extent to which health considerations must be considered in this process.

Some 25 years ago, Americans welcomed with near ecstasy the nation's commitment to nuclear energy. Much of the ecstasy was spawned by the promise that we had embarked on a new mission — "atoms for peace" it was called. The product of that mission would be clean, safe, and cheap energy for all.

We believed that promise. Until recently, we knew that nuclear energy was safe or we *thought* it was safe. This total assurance of safety still prevails in many quarters today. But that assurance of safety was shattered with potentially serious consequences at Three Mile Island following March 28, 1979.

We had been so thoroughly imbued with the idea of safe nuclear power that we had not allowed ourselves even to think about a nuclear accident let alone to prepare for one. Prior to the Three Mile Island accident, there was not even a radiation health unit in Pennsylvania's Department of Health. Here indeed was something that could be changed.

Health effects

Shortly after the accident, it was proposed that a Division of Radiation Health be established to collect and disseminate data on the presence or absence of health effects from a nuclear accident. What we also proposed to do through such a division was to prepare physicians and hospitals statewide to address the potential health hazards from future accidents.

The range of health effects resulting from a high level of radiation begins almost immediately after exposure.

TABLE I
Ratio of Neonatal Hypothyroidism
to Newborns in Pennsylvania*

	<i>Western PA</i>	<i>Eastern PA</i>
June 20, 1978 to March 28, 1979	1 : 6,800	1 : 6,600
March 28, 1979 to December 31, 1979	1 : 8,000	1 : 3,000

*The Pennsylvania Department of Health initiated the neonatal hypothyroid screening program, June 10, 1978.

Eventually a high percentage of exposed people could die. The first signs of radiation exposure are profound weakness and vomiting. In the next several weeks, infection, bleeding, anemia, and diarrhea ensue. Cataract formation leads to blindness. Pregnant women spontaneously abort. But there are also less devastating effects such as a change in sex ratio at birth and inflammation of the thyroid gland with subsequent appearance of nodules and cancer.

Many people knew enough to be concerned about congenital malformations and cancer that could result from radiation. But what the public did not know — and does not really know yet — is that radioisotopes of iodine are among the most abundant by-products of nuclear fission. Nor did pregnant women know that radioactive iodine may produce thyroid deficiency in babies often causing cretinism if untreated. And low levels of radioactive iodine were found in milk samples from cows on farms around Three Mile Island.

Newborns

Just by chance, in mid-1978, some nine months prior to the accident, the state health department had begun screening all newborns for thyroid deficiency. Seventeen cases of depressed thyroid function were reported in Pennsylvania and treated in those nine months, eight cases upwind to the west of Three Mile Island, nine cases downwind to the east. During the nine months following the accident, the number of cases jumped to 27, seven to the west and 20 to the east of Three Mile Island. By dividing the state into two parts, the counties to the east of Three Mile Island doubled in incidence of neonatal hypothyroidism after the accident (Table I).³

Six cases of neonatal hypothyroidism, twelve times the expected incidence, occurred from June to November 1979 in Lancaster County immediately downwind from the Three Mile Island reactor. Excluding anatomical anomalies, there were still some six times more cases than expected in those six months.

TABLE II
Neonatal Death Rates
(Neonatal deaths per 1,000 live births
ten miles around Three Mile Island)

Data Source: Pennsylvania Department of Health News Release #37
March 20, 1981

	1977	1978	1979
January-March	12.4	8.6	17.2 ^a
April-June	8.7	7.6	19.3 ^b
July-September	6.1	1.0	7.8
October-December	10.5	10.8	9.3
All Pennsylvania ^c	10.5	10.8	9.8

^aImmediately after Three Mile Island Unit 2 startup.

^bImmediately after Three Mile Island accident.

^cAnnual rates.

Although the numbers are small, they warrant further epidemiological investigation of other environmental causes such as chemicals in water or food, industrial waste, or medical radiation sources, or perhaps simply further statistical analysis. Unfortunately, we still do not have the answer for this clustering. Without an independent investigation, it is certainly premature to blame the increase in hypothyroidism on Three Mile Island, though it cannot yet be ruled out.

We did know that an embryo radiated early in pregnancy may be destined to die shortly after birth or to suffer a lifetime of incapacitation from congenital defects. But few of us knew that the unborn child radiated late in pregnancy may never achieve full size or intelligence (Figure 1). The statistical correlation between newborns weighing less than five pounds (2500 grams) and infant deaths was well known to the medical profession.

Neonatal death rates increased significantly in the quarter preceding the Three Mile Island accident — just after the startup of unit 2 reactor on December 30, 1978. During the quarter following the Three Mile Island accident, neonatal death rates for ten miles around Three Mile Island were reported by the health department to have more than doubled when compared with the same period in the two previous years (Table II). Neonatal death rates in the same area were almost twice as high as the state level after the accident. These findings are statistically significant.² Despite the direct statistical correlation between small babies and infant deaths, to the best of my knowledge, no data have been reported on the size of newborns before and after the accident.

Cancer

Fortunately, the population around Three Mile Island was exposed only to low doses of radiation. But, the United Nations Scientific Committee on the Effects of Atomic Radiation has reported that the most important effect of low doses of radiation is the occasional induction of malignant diseases.⁴

Despite early official denials by the then Secretary of the U.S. Department of Health, Education and Welfare, it

Continued on page 31



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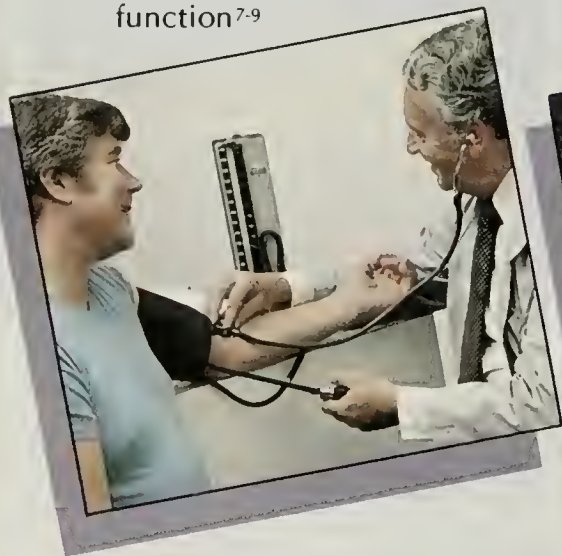
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References: 1. Data on file, Medical Department, Pennwalt Pharmaceutical Division. 2. Sambhi MP, Eggena P, Barrett JD, et al: A crossover comparison of the effects of metolazone and hydrochlorothiazide therapy on blood pressure and renin angiotensin system in patients with essential hypertension, in Sambhi MP (ed): *Systemic Effects of Antihypertensive Agents*. New York, Stratton, 1976, pp 221-245. 3. Pilewski RM, Scheib ET, Misage JR, et al: Technique of controlled drug assay in hypertension: V. Comparison of hydrochlorothiazide with a new quinethazone diuretic, metolazone. *Clin Pharmacol Ther* 12:843-848, 1971. 4. Fotiu S, Mroczek WJ, Davidov M, et al: Antihypertensive efficacy of metolazone. *Clin Pharmacol Ther* 16:318-321, 1974. 5. Cangiano JL: Effects of prolonged administration of metolazone in the treatment of essential hypertension. *Current Therapeutic Research* 20:745-750, 1976. 6. Dornfeld L, Kane RE: Metolazone in essential hypertension: The long-term clinical efficacy of a new diuretic. *Current Therapeutic Research* 18:527-533, 1975. 7. Puscheck JB: Physiologic basis for the use of new and older diuretics in congestive heart failure. *Cardiovascular Medicine* 2:119-134, 1977. 8. Craswell PW, Ezzat E, Kopstein J, et al: Use of metolazone, a new diuretic, in patients with renal disease. *Nephron* 12:63-73, 1973. 9. Bennett WM, Porter GA: Efficacy and safety of metolazone in renal failure and the nephrotic syndrome. *J Clin Pharmacol* 13:357-364, 1973. 10. *Drug Topics Red Book 1981*, and manufacturers' suggested prices.

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has been since reported that the Three Mile Island accident will increase the incidence of cancer — albeit imperceptibly.⁵ But, even the extent of the increase in cancer may not be completely accurate. For, *The New York Times* disclosed last November that “monitoring devices at the Three Mile Island nuclear plant had peaked during the accident, preventing officials from accurately determining how much radioactivity escaped.”⁶

The problem of cancer detection is compounded further by the long latent period between the presence and the appearance of disease. For two to ten years after low-level radiation exposure, leukemia may occur; for up to 20 years, malignant tumors may appear.⁴

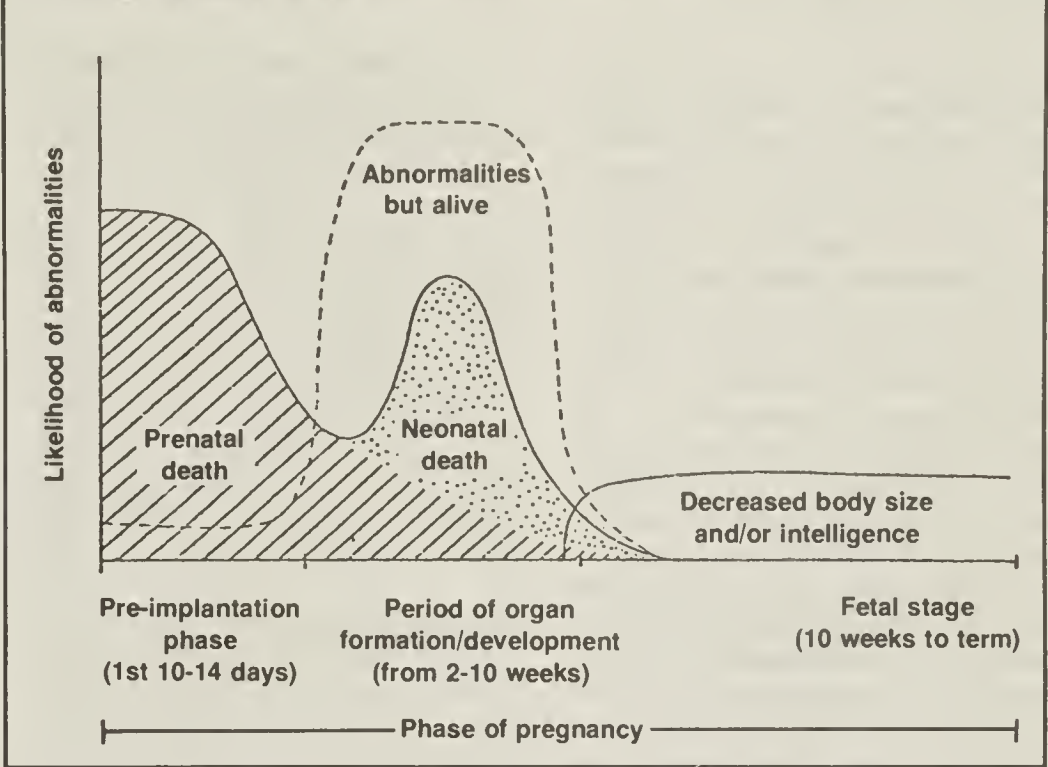
The epidemiology of cancer from low-level radiation is not well understood and we do not know yet whether the effects of radiation can span multiple generations in man. In the absence of a radiation health unit, Pennsylvania lacks the professional competence to match the effects of technology to the abnormal variations in health data encountered after the accident. Two years after the accident, the health department still does not know the cause for the increase in neonatal deaths and for thyroid deficiency in newborns following the accident at Three Mile Island. All too often, the truth about Three Mile Island has been polarized by anti-nuclear or pro-nuclear activists.

At the very least, the variations in health data warrant an epidemiological investigation independent of pro and anti-nuclear forces to determine whatever the cause might be. But lack of state funds for an independent investigation make this kind of study most unlikely. Just months after the Three Mile Island accident, the state's allocation to the health department was cut 12 percent. This year's health department budget will be cut an additional 10.5 percent — and still no radiation health division.

Getting ready

The lack of public health preparedness for another nuclear accident has been repeatedly cited but to no avail. Without a well staffed radiation health unit, Pennsylvanians are ill-

Figure 1. Pattern of developmental abnormalities following irradiation of the unborn child.



equipped to handle the many aspects of any future nuclear reactor accident.

The proposed division of radiation health was to be balanced by a division of bioethics, both in the health department. Regrettably both proposals were rejected by the governor's office. The need for a bioethics division was based, in part, upon citizen response to the nuclear accident. The need for spiritual, religious, and psychological counseling during those crucial days and weeks following the accident was never fully appreciated by many of us.

One example is seen in stress effects reported a year after the accident. Hershey Medical Center reported increases of 113 percent in the number of persons using sleeping pills and 88 percent in those using tranquilizers, 14 percent used more alcohol and 32 percent smoked more cigarettes.⁷

Bioethics could at least address some of the concerns relating to nuclear power as well as to a host of other issues. It is worth noting that public reaction to setting up a bioethics division was enthusiastic. Indeed there are things that need changing in this nuclear age.

Conclusion

As physicians, we had better muster the courage that will be needed to promote radiation health, to collect and to disseminate data in a timely

fashion, to assist both the professional community and citizen groups were another accident to occur, but most of all, to speak out in accordance with our beliefs, as Dr. Osler would say, “with clearness of judgment in moments of grave peril.” For if we do not, we most assuredly stand to repeat our Three Mile Island experience. And the next time, we may be far less fortunate.

While I am unalterably opposed to nuclear warfare, I personally believe that nuclear power can be made much, much safer than it is presently. But, I also believe that society has the right to know the health effects from the production of nuclear energy insofar as those consequences are understood today.

It is high time for us as physicians to change those things which can be changed.

Aequanimitas.

REFERENCES

1. Osler, W.: *Aequanimitas*. The Blakiston Company, Philadelphia, 1954, pp. 3-11.
2. MacLeod, G.K.: Health decisions in the nuclear age, *Allegheny County Medical Society Bulletin* 69:157-159, April 26, 1980.
3. MacLeod, G.K.: Royal Swedish Academy of Sciences, *Journal of the Human Environment* X:18-23, 1981. (AMBIO)
4. United Nations Scientific Committee on the Effects of Atomic Radiation, United Nations, New York, (1977).
5. Report of the President's Commission on the Accident at Three Mile Island, (October 30, 1979), pp. 118-119.
6. Goodwin, M.: *New York Times*, (November 28, 1980), p. A-1.
7. Franklin, B.A.: *New York Times*, (April 18, 1980), p. A-18.

Data on TMI accident disputed

H. Arnold Muller, MD

Certainly no other event in the history of the nuclear industry has had the impact of Three Mile Island. Today, after two-plus years, the voices of pro- and anti-nuclear factions worldwide use TMI as the reference in their discussions concerning the future merit of the nuclear industry.

As physicians, I expect us all to have a more than casual interest in the health-related aspects of the Three Mile Island accident. For that reason, I felt obligated to comment on Dr. MacLeod's "Medical ethics in the nuclear age."

Dr. MacLeod is apparently left with a less than adequate feeling about our public health preparedness in dealing with the events surrounding the mishap. In reviewing his comments to the Society, I found that some of his thoughts needed to be factually counterbalanced.

Neonatal hypothyroidism

Dr. MacLeod states . . . "six cases of neonatal hypothyroidism, twelve times the expected incidence, occurred from June to November 1979 in Lancaster County."

Dr. MacLeod knows that a select committee was convened by the Department of Health to review neonatal hypothyroidism data. That committee's findings did not support a relationship between radioactive iodine and the incidence of hypothyroidism in Lancaster County. In fact, of the seven neonatal hypothyroidism cases in Lancaster for *all* of 1979, five of the cases reported can be explained in terms of genetic or other acceptable reasons. The remaining two cases did not receive thyroid scans and the reasons for their hypothyroidism is unknown.

Dr. MacLeod also cited the evidence of low levels of radioactive iodine in milk samples from cows on farms around Three Mile Island. He did not comment, however, on the specific levels. The highest dosage figure from March 29 through April 21, 1979 period was only 29 picocuries per liter of milk within a 45-mile radius of Three Mile Island. The average dosage figure in all milk sampled was less than 10 picocuries. The Food and Drug

Administration set the allowable standard for "safe milk" not at 29 or 10 picocuries, but at 12,000 picocuries.

During the first 48 hours of the accident, when probably the largest amount of radioactive iodine was released, areas *downwind* of the plant included Dauphin, Cumberland, Perry, Northumberland, Juniata, Snyder, Mifflin and Union counties. Dr. MacLeod knew but did not mention that not a single case of neonatal hypothyroidism occurred after the nuclear accident in any of those eight counties during 1979.

Neonatal, infant mortality

Dr. MacLeod said that "during the quarter following the TMI accident, neonatal death rates for ten miles around TMI were reported by the Health Department to have more than

In the audience when Dr. MacLeod spoke on "Medical Ethics in the Nuclear Age" (page 25) was H. Arnold Muller, MD, secretary of health for the Commonwealth. At the time of the accident, Dr. Muller was director of emergency health services at the Pennsylvania State University College of Medicine, the Milton S. Hershey Medical Center, and a consultant to the Pennsylvania Department of Health on emergency services. A brief rebuttal from Dr. MacLeod follows his remarks.

doubled when compared with the same period in the two previous years. . . . *these findings are statistically significant.*"

The mortality rate of concern to Dr. MacLeod during April, May, and June, 1979 was 19.3 per 1,000 live births within a 10-mile radius of Three Mile Island, including the City of Harrisburg. Dr. MacLeod realizes, but did not mention, that the rate was *unchanged* from the three months (January, February, March) *preceding* the accident. Considering that fetal sensitivity to radiation and stress is much greater in the earlier period of gestation, radiation damage may then have led to a rising mortality rate in the last six months of 1979. Mortality

rates for the last six months of 1979 *declined substantially* from a high of 19.3 in the first and second quarters, to 12.7 in the third quarter, and 13.4 in the fourth quarter of the year.

I remain concerned over his statement comparing 1979 figures to those of 1977 and 1978. The 1979 mortality rate (16.1) within the 10-mile radius was not statistically significant from the 1977 rate (12.5). The 1978 rate (10.8) was somewhat atypical and unusually low particularly for areas outside of Harrisburg (8.4). His comments about the variations and incidences which existed over the last several years place unreasonable significance upon the infant mortality rate for a relatively small area. From an overall epidemiological standpoint, even large statistical variations are not at all uncommon in small population areas.

"Despite the direct statistical correlation between babies and infant deaths," Dr. MacLeod said, "to the best of my knowledge, no study has been done on *the size of newborns before and after the accident.*"

On August 10, 1979 the Harrisburg *Evening News* reported a story with the headline "Impact of TMI sought . . . State to conduct post-pregnancy survey in area." The first paragraph of that story read: "The State Health Department Monday will begin a two-year pregnancy outcome survey involving 8,000 women living within a 10-mile radius of Three Mile Island." In the story, then-Secretary of Health MacLeod is quoted, "I cannot emphasize strongly enough the precautions that have been taken to protect the identity and privacy of the women who participated in the survey. All written information will be kept secure within the Health Department until it can be coded into a computer for analysis during the year after the survey."

A major element of that comprehensive survey begun during Dr. MacLeod's tenure as Health Secretary has to do with *the size of newborns before and after the accident.*

We are now in the final stages of that study Dr. MacLeod announced to the media back in 1979. The survey is

under the scientific direction of Dr. George Tokuhata of the department's Division of Epidemiological Research. It includes the valuable assistance of physicians from some 11 area hospitals covering infants born in Lancaster, York, Lebanon, Dauphin, and Cumberland counties.

Radiation health unit

Dr. MacLeod repeatedly referred to the fact that the state health department has no radiation health unit. He said: "There was not even a radiation health unit in Pennsylvania's Department of Health."

"In the absence of a radiation health unit, Pennsylvania lacks the professional competence to match the effects of technology to the abnormal variations in health data encountered after the accident."

"Next year's health department budget will be cut an additional 10.5 percent — and still no radiation health division."

"Without a well staffed radiation health unit, Pennsylvanians are ill-equipped to handle the many aspects of any future nuclear reactor accident."

The Bureau of Radiation Protection in the Department of Environmental Resources, under the leadership of Thomas Gerusky, *under law* has the responsibility to protect the public health from radiation exposure. This function was transferred from the health department to DER in 1971 when DER was created and other environmental health programs were transferred. The bureau has the expertise of five certified health physicists and one certified radiological physicist. This expertise was available to Dr. MacLeod during the Three Mile Island accident and to this day, there is continuing consultation between the two agencies.

The capacity to evaluate future nuclear reactor accidents, if any, in

Pennsylvania exists and is readily available. A specific radiation health unit within the health department is not, however, a necessity.

Radiation monitoring

As for *The New York Times* disclosure that monitoring devices at TMI had peaked during the accident, preventing officials from accurately determining how much radioactivity escaped, it should be noted that the devices which monitor stack gas effluence did indeed go "off scale" since they were not calibrated for accidental releases; however, no off-site monitors or any other TLD monitors went to similar levels. In fact, accurate retrospective calculations have been made to estimate total radioactive release.

As professionals, we have a responsibility to the public to check — and then double check — the accuracy of data supporting our opinions before those opinions are processed as facts.

Independent investigation of TMI health findings in order

Gordon K. MacLeod, MD, FACP

No one yet can rule out the possibility of adverse health effects from the accident at Three Mile Island. Now, more than two years after the accident, the cause of the abnormal health data in 1979 reported by the Pennsylvania Department of Health is still not known. The Secretary of Health has no satisfactory explanation for the statistically significant increases in neonatal mortality that occurred about the time of the accident. Good public health practice mandates that we do not simply speculate about the cause of increases in neonatal mortality; we must find some satisfactory explanation for elevated rates in the three months just before and after the accident.

It is likewise premature to dismiss any possible effects from radioactive iodine on the fetus. In fact, Penrose Hallowell, the Secretary of Agricul-

ture, stated, "From 100 to 1,000 (picocuries per liter) we advise pregnant women and small children not to drink the milk, and once it is over 1,000, we stop the sale of it. These represent a very strict 'action level.'"¹

Also a recent report tells of increased fetal radiosensitivity to high-dose radioiodine exposure in experimental animals² (in some animals up to sixteen fold) and requires further study. In the best public health tradition, the health department should now begin experimentation in order to find out whether low-dose radioiodine could possibly cause thyroid disease in the fetus, however unlikely it might be.

Apart from the need for radiation research for public health purposes, it is of the utmost importance that Pennsylvania have a radiation health unit. There is no physician in the Bureau of

Radiation Protection — nor in the parent Department of Environmental Resources. If a high-level of radiation were released in Pennsylvania, no one in the Bureau of Radiation Protection is prepared to prevent radiation effects on humans or to direct the treatment of burns, vomiting, bleeding, blindness, abortions, or anxiety as a consequence of radiation exposure.

Finally, in keeping with Dr. Osler's call for calmness amid storm, may I again suggest an investigation of the TMI health findings — independent of the Department of Health — in hopes of ruling out any radiation effect.

REFERENCES

1. del Tredici, R.: *The People of Three Mile Island*. Sierra Club Books, San Francisco, 1980, p. 69.
2. Book, S.A.: Age and its influence on effects of iodine 131 in guinea pig thyroid glands. *Radiation Research* 81:254-261, 1980.

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Official Call 1981 Annual Meeting House of Delegates

The 1981 annual meeting of the House of Delegates of the Pennsylvania Medical Society will be called to order at the Pittsburgh Hilton Hotel, Pittsburgh, Pennsylvania, on Friday, November 6, 1981, at 9:30 a.m. The second session of the House of Delegates is scheduled for Saturday, November 7, 1981, at 1:00 p.m. The third and concluding session of the House of Delegates will be held Sunday, November 8, 1981, at 9:30 a.m.

Elections

In accordance with Chapter XIII, Section 1 of the Bylaws, and Standing Rule Number 1 of the House of Delegates (revised October 23, 1972) of the Pennsylvania Medical Society, the following nominations and/or elections will be in order at the second session, Saturday afternoon, November 7, 1981.

General officers to be elected are a vice president, a secretary, a speaker of the House of Delegates, and a vice speaker of the House of Delegates.

In accordance with Chapter XV, Section 5 of the Bylaws, and Standing Rule Number 1 of the House of Delegates, elections will be in order for a trustee for the Second District to serve three (3) years to succeed Henry H. Fetterman, MD, Lehigh County, who is eligible for re-election; a trustee for the Fourth District to serve three (3) years to succeed J. Mostyn Davis, MD, Northumberland County, who is eligible for re-election; a trustee for the Fifth District to serve three (3) years to succeed J. Joseph Danyo, MD, York County, who is eligible for re-election; a trustee for the Eighth District to serve two (2) years to succeed David J. Keck, MD, Erie County, who is not eligible for re-election; and a trustee for the Eleventh District to serve three (3) years to succeed Ralph S. Blasiolo, MD, Washington County, who is eligible for re-election.

In accordance with Chapter XI, Section 1 of the Bylaws, elections for six (6) delegates and six (6) alternates to the American Medical Association are in order. The term is for two (2) years beginning January 1, 1982. Delegates whose terms expire December 31, 1981 are:

1. Henry H. Fetterman, MD (Lehigh)
2. David J. Keck, MD (Erie)

3. John B. Lovette, MD (Cambria)
4. Matthew Marshall, Jr., MD (Allegheny)
5. Robert N. Moyers, MD (Crawford)
6. R. Robert Tyson, MD (Philadelphia)

The Committee to Nominate Delegates and Alternates to the AMA makes the following nominations for delegates for two (2) years commencing January 1, 1982:

1. Henry H. Fetterman, MD (Lehigh)
2. David J. Keck, MD (Erie)
3. John B. Lovette, MD (Cambria)
4. Matthew Marshall, Jr., MD (Allegheny)
5. Robert N. Moyers, MD (Crawford)
6. R. Robert Tyson, MD (Philadelphia)

In addition, William Y. Rial, MD, who was a delegate, had to resign his delegate position upon his election as president elect of the American Medical Association. An election to fill his unexpired term will also be in order.

The Committee to Nominate Delegates and Alternates to the AMA makes the following nominations for a delegate to fill the unexpired term of William Y. Rial, MD, to serve one and one-half (1½) years commencing immediately.

1. Betty L. Cottle, MD (Blair)
2. George R. Fisher, MD (Philadelphia)

3. John L. Kelly, MD (Delaware)

Alternate delegates whose terms expire December 31, 1981 are:

1. Donald C. Brown, MD (Westmoreland)
2. Robert J. Carroll, MD (Allegheny)
3. George Ross Fisher, MD (Philadelphia)

4. Charles A. Heisterkamp, III, MD (Lancaster)

5. Wayne W. Helmick, MD (Beaver)

6. Donald E. Parlee, MD (Bucks)

The Committee to Nominate Delegates and Alternates to the AMA makes the following nominations for alternate delegates to serve two (2) years commencing January 1, 1982:

1. Joseph B. Blood, Jr., MD (Bradford)

2. Donald C. Brown, MD (Westmoreland)

3. Robert J. Carroll, MD (Allegheny)

4. J. Joseph Danyo, MD (York)

5. Norman L. Ekberg, MD (Montour)

6. Charles A. Heisterkamp, III, MD (Lancaster)

7. William W. Gress, MD (Cambria)



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8. Timothy J. Michals, MD (Philadelphia)

9. Donald E. Parlee, MD (Bucks)

Also to be elected will be two members to serve on the Committee to Nominate Delegates and Alternates to the American Medical Association. The term of Robert F. Beckley, MD, Clinton County, expires; he is eligible. The term of Charles R. Shuman, MD, Philadelphia County, expires; he also is eligible.

In accordance with Chapter XVIII, Section 2 of the Bylaws, the Board of Trustees nominates the following members for a vacancy on the Judicial Council. For the office now held by George E. Farrar, Jr., MD, Philadelphia County, the Board nominates George P. Rosemond, MD, Philadelphia County; Theodore R. Koenig, MD, Clarion County; and Jerome Chamovitz, MD, Allegheny County. For the office now held by Orlo G. McCoy, MD, Bradford County, the Board nominates Orlo G. McCoy, MD, Bradford County; William A. Barrett, MD, Allegheny County; and James A. Collins, Jr., MD, Montour County.

Proposed Bylaws Amendments

Printed below is the text of the amendments to the Bylaws. Deletions are in brackets; additions are italicized.

Subject One

1. Establishment of a direct membership category for medical and osteopathic medical student membership.

Chapter I - Membership

Section 3. Membership Categories.

[e. Special student Member - A special student member shall be a president of an active chapter of the American Medical Students Association of a medical school in the Commonwealth of Pennsylvania and shall not be required to pay any annual assessment.

Each special student member shall serve as a delegate in the House of Delegates with the right to vote and to serve on any reference committee except that to which are referred bylaws amendments. A special student member is not eligible for election to office in this Society, not entitled to benefits from the Medical Benevolence or similar funds, and has no other rights and privileges not herein stated.]

e. Allopathic medical and os-

teopathic medical student members - Allopathic medical and osteopathic medical student members, students enrolled in schools approved by the AMA who are pursuing a course of study to obtain a degree in allopathic medicine or osteopathic medicine, may become members of this Society. Such students are not required to be members of a component county medical society, but shall make application directly to this Society. Once approved by the Board of Trustees of this Society, such students shall each pay five percent of the annual assessment set by the House of Delegates and are entitled to all rights and privileges of membership.

Chapter III - Assessments

Section 2. Annual Assessment.

f. Associates, affiliates, [special students,] and honorary members shall not pay any annual assessment; *allopathic and osteopathic medical students shall pay five percent of the annual assessment.*

Chapter III - Assessments

Section 4. Payment of Assessments.

The annual assessment, which is due January 1 of the assessment year, shall be paid through the member's component society to the Executive Vice President of this Society, *except that the annual assessment of an allopathic medical student or osteopathic medical student shall be paid directly to the Executive Vice President of this Society.* The annual assessment, if not paid by March 1 of the assessment year, shall be considered a delinquent assessment. A special assessment shall be paid directly to the Executive Vice President prior to the due date of any special assessment.

Chapter IX - House of Delegates

Section 3. Composition and Apportionment . . .

a. Voting delegates shall be:

[4. A delegate from each of the active chapters of the American Medical Students Association in a medical school in the Commonwealth of Pennsylvania who is the president of said chapter.]

c. Alternate Delegates . . .

[A delegate who is a special student member may designate an alternate who also must be an active member in the same chapter of the American Medical Students Association.]

[Each delegate from a special section may designate an alternate who

also is a member of that section.]

Each special section shall be entitled to elect one alternate who also is a member of that section.

Chapter IX - House of Delegates

Section 5. Certification of Delegates and Members of the House . . .

[The Secretary of this Society shall certify to the Credentials Committee the names of the special student members who are delegates and alternates.] . . .

Chapter XVI - Committees, Administrative Councils, and Commissions

Section 1. Appointment of Members, Vacancies and Qualifications

d. Qualification for Membership or Committees, Administrative Councils, and Commissions - All members of this Society, other than affiliate and honorary [and special student] members, shall be eligible to serve as members of committees, administrative councils, and commissions . . .

Chapter XX - Special Sections

Section 3. Allopathic medical student and osteopathic medical student section. Membership in this section shall include the allopathic medical students and osteopathic medical students who are members in that category in this Society.

The section shall elect a governing council consisting of a chairman, vice chairman, secretary, delegate, and alternate delegate to the House of Delegates of this Society and two members-at-large. The regular function of this section shall include, but not be limited to, the conducting of a business meeting held in conjunction with the annual meeting of the House of Delegates of this Society.

Subject Two

2. Hospital Association of Pennsylvania be represented in the PMS House of Delegates by one physician delegate who must be an active or associate member of the Pennsylvania Medical Society.

Chapter IX - House of Delegates

Section 3. Composition and Apportionment.

The House of Delegates shall be composed of voting delegates and ex officio persons.

a. Voting delegates shall be: . . .

4. A delegate designated by the Hospital Association of Pennsylvania,

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who must be an active or associate member in good standing of this Society, who is not a delegate for any component society, specialty society, or special section.

c. Alternate Delegates. . .

Each specialty shall be entitled to elect one alternate who shall be an active or associate member in good standing of this Society. *The Hospital Association of Pennsylvania may designate an alternate delegate who must be an active or associate member in good standing of this Society who is not a delegate for any component society, specialty society, or special section.*

Chapter IX - House of Delegates

Section 5. Certification of Delegates and Members of the House.

The component medical societies, the specialty societies, [and the] special sections, and the Hospital Association of Pennsylvania shall certify to the Executive Vice President of this Society the names of their respective delegates and alternates.

[The Secretary of this Society shall certify to the Credentials Committee the names of the special student members who are delegates and alternates.] . . .

Subject Three

3. Voting membership on the Board of Trustees to represent specialties organized in Pennsylvania which are AMA board certified specialties.

Chapter XI - Nominations

Section 1. Origin of Nominations. . .

. . . Nominations for district trustees shall be made from the floor of the House and only by seated delegates from their respective districts for which positions need to be filled. *Nominations for a trustee from the specialties organized in Pennsylvania which are AMA board certified specialties shall be made by the seated delegates from those specialties in the House of Delegates.*

Chapter XV - The Board of Trustees

Section 3. Composition. The Board of Trustees shall consist of the President, President Elect, the Vice President, the Immediate Past President, the Speaker of the House of Delegates and the Vice Speaker of the House of Delegates, ex officio with the right to vote, one trustee who is an active or

associate member in good standing of this Society from each district, and one trustee, to represent the AMA board certified specialties organized in Pennsylvania, who is an active or associate member in good standing of this Society and a member of a specialty organized in Pennsylvania which is an AMA board certified specialty.

Chapter XV - The Board of Trustees

Section 5. Nomination and Election [of Trustees]. Nomination for a trustee shall be made by voting members of the House of Delegates from the district to be represented and nominations for an additional trustee to represent the specialties organized in Pennsylvania which are AMA board certified specialties shall be made by the delegates in attendance in the House of Delegates representing the AMA board certified specialties organized in Pennsylvania. [Election by the whole House of Delegates is required.] *Election of all trustees by the House of Delegates is required.*

Chapter XV - The Board of Trustees

Section 6. Terms. . .

. . . *District trustees' terms shall be arranged so that no more than four shall expire at an annual meeting of the House of Delegates.*

Chapter XV - The Board of Trustees

Section 7. Vacancies [in Trustees' Districts]. Within ninety days of a vacancy, the Board of Trustees shall appoint a member from the [same district] *appropriate district or from among a specialty organized in Pennsylvania which is an AMA board certified specialty, as the case may be,* who meets all the appropriate qualifications, to serve until the next annual meeting of the House of Delegates.

Chapter XV - The Board of Trustees

Section 8. Temporary Appointment. In the event that a trustee is unable to act, the Chairman of the Board, after consultation with the components in the district *or the specialties organized in Pennsylvania which are AMA board certified specialties, as the case may be,* may promptly appoint a temporary trustee from the same district *or the above-named specialties, as the case may be,* who meets all the qualifications. . .

Chapter XV - The Board of Trustees

Section 9. Duties of Individual Trustees. Each trustee shall be the representative of this Society for his district [and shall visit the components in his district annually and report on such activity to the Board of Trustees.] *or the specialties organized in Pennsylvania which are AMA board certified specialties, as the case may be, and shall report on communications or visits with his respective constituents annually to the Board of Trustees and further, report annually to the House of Delegates regarding his work. . .*

. . . Each district trustee shall serve as chairman of all meetings of the District Board of Censors of his district in accordance with these Bylaws.

Chapter XV - The Board of Trustees

Section 10. Board Officers. At the first meeting of the Board of Trustees after the annual meeting of the House of Delegates, it shall elect, *from among the district trustees,* a Chairman and a Vice Chairman to serve until the next such meeting of the Board and until their successors are elected. . .

Subject Four

4. Vice Speaker of the House of Delegates be ex officio without the right to vote in the House of Delegates.

Chapter XIII - Officers

Section 7. Duties of Officers. j. Vice Speaker of the House of Delegates: . . . 5. shall be ex officio [with] *without* the right to vote in the House of Delegates.

Subject Five

5. Original jurisdiction of district boards of censors.

Chapter XIX - Disciplinary Bodies/Proceedings and Appeals
Section 1. Scope of Disciplinary Proceedings . . .

(c.) *referrals and appeals to district boards of censors as provided in Section 1 and Section 4 of this Chapter, . . . b. District Boards of Censors . . . 5. the district board of censors may receive cases for original jurisdiction when requested to do so by a county board of censors, or by the Secretary of this Society, as described in subsection c of this Section.*

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in my opinion

Reflections on a career, an art, a science

My professional years have passed with a rapidity that only now has become apparent. These years have been filled with the joy of friendship and association with professional colleagues who have demonstrated unique abilities in their individual fields. These colleagues have shown charity and kindness in imparting both their professional wisdom and their deep and personal concern for those who followed and wished to continue their careers in the glorious tradition of medicine.

Many wise men have said with varying words that the future can only be judged by one with the knowledge of the past. When reviewing past and present medical practices we should measure value in light of accomplishments and evaluate shortcomings. We should strengthen our judgment and refrain from too rapidly accepting everything that appears new as progress. Above all, we must not forget the human side of our art.

Appropriately, there is a chapter from Proverbs which

states, "Through wisdom is a house builded, and by understanding is it established, and by knowledge and the willingness to change shall the chambers be filled with all pleasant and precious riches."

All of us take great pride in the progress of medicine. I would merely raise some questions about our progress. I have my own answers and I hope that you have yours. Those of us who do not question, or have no answers, are guilty of what I believe to be our profession's greatest and most damaging fault — what I term "forfeiture of responsibility."

The questions that I raise are not raised in criticism, but rather out of concern for the future. They are meant to be a stimulus for improvement. The acceptance of the status quo, and the failure to correct mistakes in judgment and action in the past, may lead to mere stagnation.

Before questioning the present, let me state that my questions are personal and I hope not dogmatic. As Rabbi Ben Ezra stated many years ago, "Now who shall arbitrate? Ten men love what I hate, shun what I follow, slight what I receive. Ten who in ears and eyes watch mine; we all surmise, they this thing, and I that. Whom shall my soul believe?"

Are we getting the best possible candidates for our medical schools? Are we depending too much on numerical values, pre-admission testing, and the factual automaton? Are we doing enough to assist financially those who cannot even consider the ever-increasing burden of medical education and training? In our desire to shorten the educational period of students with accelerated programs, are we denying them the maturity that is necessary to gain ability in the science and art of medicine?

Is our curriculum too liberal? Can the student decide what is best for his education progress? Would blending our present curriculum with a partial preceptor-type teaching be of value?

Have we abandoned the clinician and teacher prematurely at 65 years of age? Are we confusing knowledge and wisdom? Cowper points out the importance of the difference between wisdom and knowledge, "Knowledge and wisdom far from being one, have oft time no connection. Knowledge dwells in heads replete with thoughts of other men; wisdom in minds attentive to their own. Knowledge is proud that he has learned so much: Wisdom is humble that he knows no more." Tennyson said that knowledge comes, but wisdom lingers.

What is happening to the personal relationship of the doctor and the patient? In the name of better patient care, education, and responsibility, are we interposing university clerks, practical nurses, nurse technicians, social workers, room clerks, psychologists, pharmacists, dieticians, and utilization specialists between us and our patients? If that

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turn sounds facetious to you, I ask each and every one of you to review any of the charts at our institutions and try to derive some sense of continuity in the general progress and care of the patient who is our primary responsibility. In an era, where personal contact of the physician and the patient is of the greatest importance, we are proceeding along a path which seems to place greater distances between the patient and the physician.

Are giant architectural towers really necessary for adequate medical care? Are large vast voids and long corridors conducive to maintaining the warm, personal contact of personnel in the hospital, and of the physician and his patient.

Why are we, as physicians, accepting the disastrous ever-increasing cost of medical care? Why are we accepting the routine and repetitive use of sophisticated diagnostic and laboratory studies when in most cases they are not necessary? Why are we accepting the fact that diagnostic studies and laboratory studies have reached cost values of such magnitude as to make the physician's fees a minor medical expense?

Is super-specialization the right road for the future of medicine? Are we sacrificing sound basic programs in our unending desire to be the institution with the one and only diagnostic method available in our area?

Do we have personnel whom we really do not need at our institution? Are we underbedded or overstaffed? Are we utilizing our beds properly? Have we done enough in the area of out-patient diagnostic and ambulatory medical care?

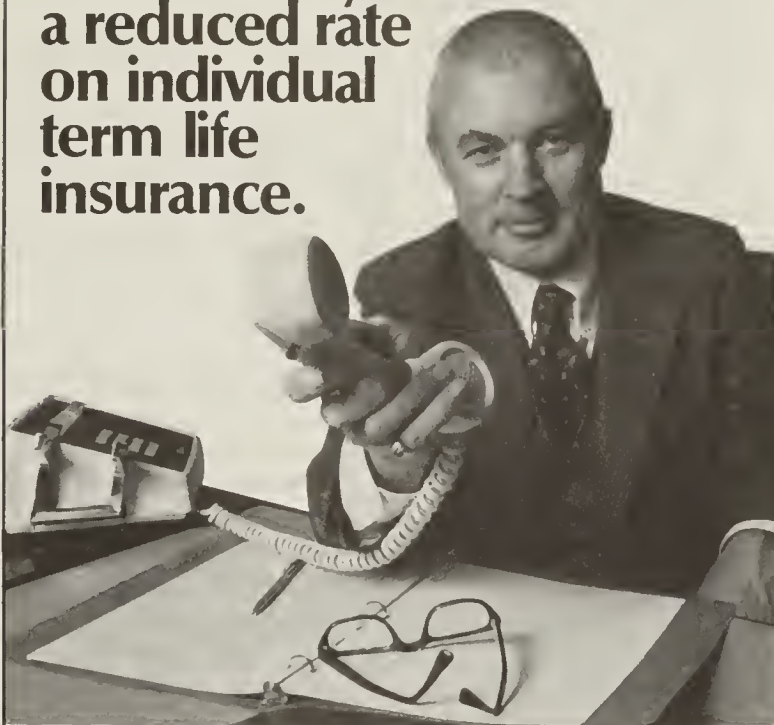
Are we allocating too much responsibility to the house staff — again in the name of better medical education and responsibility? Do we have too much ultra-specialization in critical care units? Are we forfeiting our inherent and implied responsibilities to the patient in regard to personal care and attention?

Why are we accepting society's criticism of our colleagues and our profession without challenge? Why have we not objected more strongly to the ethics and actions of the legal profession, which, in my opinion, has grievously and, for the most part, unjustly subjected us to harassment which impairs proper medical care and increases our patients' financial burdens?

Should we not review the methods and actions of our professional societies which seem unable to act with cohesion and decisiveness on our behalf? Why are we not loudly and clearly proclaiming the accomplishments of our profession to a critical society that is now benefitting from an era of the greatest conquest of suffering and illness that mankind has ever known?

After review of these problems one can become bitter and angry about the ever-changing image the public has of our

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profession. I do not think that is the answer. I would suggest as Sir William Osler stated:

I have loved no darkness
Sophisticated no Truth
Nursed no delusion
Allowed no fear . . .

So, if we wish to continue in this wonderful field of new accomplishments, let us take with us the artistry of our predecessors, the ability to decide soundly what is best to be done, what is to be maintained, and what is to be changed.

Let us take with us the kindness and confidence to reassure our patients, and the skill and the knowledge to make more perfect our execution. Take with us the desire to pass on to our younger colleagues what we have been able to learn what we have been able to accept and change, and to give them the zeal and encouragement in developing newer and better things for us all.

Charles Fineberg, MD
Professor of Surgery
Jefferson Medical College

Court system too expensive

Six years have passed since the last malpractice crisis hit Pennsylvania and, despite this, physicians remain divided as to why astronomical rates are required to pay for our insurance. Most physicians are aware that medical accidents, sometimes as a result of professional negligence, do occur and that in the United States (in contrast to almost all other nations) it has been decided that individuals so injured should be compensated and that the funding mechanism for this is to be the health care providers through a liability insurance mechanism.

As a general rule, Americans have used the court system exclusively to determine whether malpractice has occurred and how much monetary damage is to be awarded. The major disagreement that occurs between physicians concerns how they weigh each of these factors as to its responsibility for the escalating costs.

Reason suggests that the amount of malpractice remains about the same or may be decreasing as the result of greater care arising out of the fear of suits and the many risk management/loss prevention activities being promoted. The controversy, therefore, continues over whether the funding mechanism, i.e., the insurance industry, or the court system is the major cause of the problem.

All of us were angered by the insurance industry a few years ago when the bulk of the carriers turned tail and ran, leaving physicians without any insurance. Those that stayed requested what seemed to be unjust rate increases. As a result, some physicians were forced to retire early. Others had to alter their practices and raise their fees. During this time, the industry did nothing to help us; instead, they built a wall of secrecy around their claims-handling processes. The few commercial carriers still in the business maintain this wall. Finally, insurance actuaries, on which the industry bases its rates, used rate-making procedures and crystal ball-like predictions which few of us could understand.

In defense of the industry, however, the cash flow/investment potential in this line of insurance is considerable and to some of us it seems self-evident that the giants of the industry would not have left (and certainly they would now be returning) if medical malpractice insurance were a profitable line. Also, we now have a window into the industry through the 29 physician-owned and operated companies. All of these have actuaries and all of them are fighting to keep their rates down. And yet almost every company has been barely able to maintain the rate level at which they started operations and many have been forced to raise

their rates. New York's MLMIC, the largest of all the physician-owned carriers, recently applied for a 71 percent increase. It has had to increase its rates in all but one year since its formation in 1975.

I believe, therefore, that although the commercial carriers have hidden behind a cloak of secrecy and have done little or nothing to solve the problem, the insurance industry is not the cause.

This leaves us with our method of adjudication, the court system. Americans were raised to revere the court system, a system of justice with a heritage that places it along with our Constitution as one of our most cherished institutions. Trial by jury, however, was devised primarily to determine who shot whom and who stole whose pig. Presenting a group of lay people with the complex issues of product liability cases and malpractice suits is about as sensible as treating DIC with leeches. Too often these cases are decided on the basis of who has the most persuasive expert, how convincing the defendant is, the severity of the injury and the commensurate sympathy rung from the jury, and finally, the relative skills of the opposing attorneys.

To return to the subject of cost, Blue Shield of Pennsylvania, the largest nonprofit health care provider-reimbursed in the nation, runs with an overhead of 5 percent. The other 95 percent goes to pay the beneficiary. Most physician-owned malpractice carriers run with a similar rock-bottom overhead but here there is a catch — the court system. This system is just too expensive.

Through legislation we must find ways to provide just compensation for injury through a less expensive mechanism. The Pennsylvania Medical Society has introduced legislation which, if passed, would represent a partial step. It provides for compulsory screening panels modeled after the Massachusetts system which has knocked approximately 40 percent of the cases out of the court system in that state. This legislation has withstood constitutional tests in Massachusetts and, though not a complete answer it is a proven mechanism that would help to lower costs.

Practicing physicians in Pennsylvania should indicate their support for the Society's legislative efforts through their individual elected representatives in Harrisburg. In the meantime, and until additional legislative reform is forthcoming, they should not be surprised if the cost of their malpractice insurance continues to escalate.

David S. Masland, MD
Chairman of the Board
PMS Liability Insurance Company

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Common Problems in Family Medicine/Wednesday, October 7, 1981/9:00 a.m. - 5:00 p.m./\$65

Neurology Update/Wednesday, October 14, 1981/9:00 a.m. - 5:00 p.m./\$65

G.I. Disease Update/Wednesday, October 21, 1981/9:00 a.m. - 5:00 p.m./\$65

Update on Mental Health/Wednesday, October 21, 1981/9:00 a.m. - 5:00 p.m./\$65

Allergy and Infectious Diseases Update/Wednesday, October 28, 1981/9:00 a.m. - 5:00 p.m./\$65

Emergency Medicine Update: 1981/Friday, Saturday, and Sunday, October 30, 31, and November 1, 1981/Pocono Hershey Resort. White Haven/\$120 physicians; \$60 other professionals

Pediatric Update/Thursday, November 19, 1981/9:00 a.m. - 5:00 p.m./\$65

Concepts in Clinical Practice: 1982/Saturday and Sunday, February 13 and 14, 1982/Sheraton Inn, Danville

Update in Rheumatology/Wednesday, February 17, 1982/9:00 a.m. - 5:00 p.m./\$65

Update in Dental Procedures/Wednesday, February 24, 1982/9:00 a.m. - 5:00 p.m./\$65

Common Pulmonary Problems/Wednesday, March 3, 1981/9:00 a.m. - 5:00 p.m./\$65

Update in Otolaryngology/Wednesday, March 17, 1982/9:00 a.m. - 5:00 p.m./\$65

Urologic Update/Wednesday, March 24, 1982/9:00 a.m. - 5:00 p.m./\$65

Dermatology Update/Wednesday, April 7, 1982/9:00 a.m. - 5:00 p.m./\$65

Update on Corneal External Disease/Saturday, April 10, 1982/9:00 a.m. - 1:00 p.m./\$35

Supportive Care of the Cancer Patient/Wednesday, April 14, 1982/9:00 a.m. - 5:00 p.m./\$65

Team Approach to Sports Medicine/Wednesday, April 21, 1982/9:00 a.m. - 5:00 p.m./\$65

Update in Cardio-Vascular Medicine/Wednesday, April 28, 1982/9:00 a.m. - 5:00 p.m./\$65

14th Annual Special Child Conference/Saturday, May 1, 1982/9:00 a.m. - 1:00 p.m./\$35

Pediatric and Adolescent GYN-Teenage Pregnancy/Wednesday, May 5, 1982/9:00 a.m. - 5:00 p.m./\$65

Update in Plastic Surgery/Wednesday, June 2, 1982/9:00 a.m. - 1:00 p.m./\$35

Diabetes Update/Thursday, June 4, 1981/9:00 a.m. - 5:00 p.m./\$65

The Value of the Noninvasive Lab in the Diagnosis of Cardio-Vascular Disease/Wednesday, June 10, 1982/9:00 a.m. - 5:00 p.m./\$65

5th Annual Pocono Course-Reviews and Recent Trends in Medicine/Thursday - Sunday, August 12-15, 1982/Pocono Hershey Resort, White Haven

As an organization accredited for continuing medical education, Geisinger Medical Center certifies that these activities meet the criteria for credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. (Refer to each program: full day, 7 credit hours; half day, 4 credit hours.)

For further information write to Millie K. Fleetwood, Ph.D., Geisinger Medical Center, Danville, PA 17821 or telephone (717) 271-6692, 24-hour answering service available.

Obituaries

Indicates PMS membership

Edwin Charles Boyer, Johnstown; Jefferson Medical College, 1911; age 95, died May 23, 1981. Dr. Boyer was a former chief of obstetrical services at Memorial Hospital, Johnstown.

Harold Ware Brooks, Chestertown, MD; University of Rochester School of Medicine, 1943; age 63, died June 17, 1981. Dr. Brooks, a plastic and reconstructive surgeon, formerly had practiced at Geisinger Medical Center.

Claude H. Butler, Green Valley AZ; Jefferson Medical College, 1931; age 78, died June 28, 1981. Dr. Butler had been superintendent at Retreat State Hospital near Wilkes-Barre and assistant superintendent at Norristown State Hospital.

Salvatore E. Cavallaro, Vienna, VA; State University of New York, Downstate Medical Center, 1943; age 64, died July 19, 1981. Dr. Cavallaro had been a surgeon at Easton Hospital.

Marshall Donald Chefetz, Allentown; University of Nebraska College of Medicine, 1957; age 49, died May 27, 1981. Dr. Chefetz was medical director of the Health Maintenance Organization in Allentown.

• **Robert Stuart Crew**, Flourtown; University of Pennsylvania School of Medicine, 1934; age 72, died June 16, 1981. Dr. Crew had practiced family medicine in Chestnut Hill and Wyndmoor for more than 30 years.

• **Archibald William Fees**, Spangler; Georgetown University School of Medicine, 1930; age 78, died July 13, 1981. Dr. Fees was a former chief of staff at Miners Hospital and had a private practice in Spangler for 45 years.

• **John Joseph Ford**, West Chester; Temple University School of Medicine, 1934; age 78, died July 10, 1981. Dr. Ford was a physician in private practice in West Chester for almost 40 years.

• **Maurice Getson**, Philadelphia; Univ. of Lousanne, Switzerland, 1942; age 64, died March 19, 1981.

• **Joseph Greenwald**, Darby; University of Pennsylvania School of Medicine, 1922; age 84, died February 26, 1981. Dr. Greenwald had been senior medical examiner for the Federal Aviation Agency.

• **Steven Hammerman**, Philadelphia; Hahnemann Medical Col-

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lege, 1940; age 66, died June 10, 1981. Dr. Hammerman was a psychiatrist.

- **John D. High**, Williamsport; Jefferson Medical College, 1940; age 66, died June 16, 1981.

- **John William Klopp**, Harleysville; University of Pennsylvania School of Medicine, 1925; age 81, died June 8, 1981. Dr. Klopp was a former chief surgeon at Episcopal Hospital in Philadelphia.

- **Frederick William Koenig**, Pittsburgh; University of Pittsburgh School of Medicine, 1939; age 67, died May 25, 1981. Dr. Koenig was an orthopedic surgeon at South Side and St. Joseph's hospitals in Pittsburgh.

- **Paul W. Lane**, Coraopolis; Case Western Reserve University School of Medicine, 1926; age 85, died July 8, 1981. Dr. Lane was a physician in Coraopolis for 43 years.

- **Samuel Leopold**, Charlotte, NC; University of Pennsylvania School of Medicine, 1902; age 101, died June 6, 1981. Dr. Leopold was a pioneer in the field of psychiatry. For more than 30 years he was chief of the neuropsychiatric division of Philadelphia Municipal Court. He is credited with recognizing shell shock as a mental problem and with formalizing its treatment.

- **Richard Jonathan Miller**, Kennett Square; University of Pennsylvania School of Medicine, 1915; age 90, died June 12, 1981. Dr. Miller had practiced general medicine in Harrisburg for more than 57 years. He was a past president of the Dauphin County Medical Society.

- **Arthur Joseph O'Connor, Jr.**, Warren; Stritch School of Medicine of Loyola University, 1935; age 71, died June 29, 1981. Dr. O'Connor was a past president of Warren County Medical Society.

- **William D. Prescott**, Pine Grove; Hahnemann Medical College, 1939; age 68, died June 25, 1981. Dr. Prescott was a general practitioner, member of Pottsville Hospital and Warne Clinic staff, and retired flight surgeon.

- **Abraham E. Rakoff**, Philadelphia; Jefferson Medical College, 1937; age 68, died July 5, 1981. Dr. Rakoff was emeritus professor of obstetrics and gynecology at Thomas Jefferson University. He was a former director of its gynecologic endocrinology division.

- **Harry Wilson Reed**, Fredericksburg; Jefferson Medical College, 1942; age 64, died July 2, 1981. Dr. Reed was a family practitioner and modern day country doctor in Fredericksburg since 1947.

- **Arthur Jerome Ricker**, New Hope; Temple University School of Medicine, 1943; age 65, died July 20, 1981. Dr. Ricker was a private practitioner in New Hope.

- **Earl Wilson Rothermel**, Topton; Temple University School of Medicine, 1926; age 84, died June 21, 1981. Dr. Rothermel was a former head of the physical medicine department at Reading Hospital. He also was Berks County Medical Director and Berks County Prison physician for a number of years.

- **Norman Alvin Schwartz**, McKeesport; Ohio State Medical School, 1942; age 65, died June 30, 1981. Dr. Schwartz was a McKeesport physician for 35 years.

- **M. Wilson Snyder**, Sharrsville; Jefferson Medical College, 1937; age 68, died July 5, 1981. Dr. Snyder was a former chief of the ophthalmology department at Sharon General Hospital.

- **Martin J. Sokoloff**, Philadelphia; Jefferson Medical College, 1920; age 84, died June 14, 1981. Dr. Sokoloff was a former professor of medicine at Jefferson. He headed the Tuberculosis Section of Philadelphia's health department from 1945 until 1958 and was a past president of the Pennsylvania Thoracic Society and the Pennsylvania Chapter of the American College of Chest Physicians.

- **Samuel Stanley Spector**, Hollywood, FL; Temple University School of Medicine, 1930; age 76, died June 23, 1981. Dr. Spector had been a surgeon and general practitioner in West Chester.

- **Cyril C. Stapinski**, Lancaster; Jefferson Medical College, 1942; age 64, died July 1, 1981. Dr. Stapinski had been chairman of the urology department at St. Joseph's Hospital.

- **Sydney R. Weintraub**, Easton; Jefferson Medical College, 1932; age 73, died May 19, 1981. Dr. Weintraub was a surgeon in Easton.

Max Cantor, Philadelphia; Jefferson Medical College, 1933; age 71, died June 18, 1981. Dr. Cantor was former chief of pediatrics at Delaware County Memorial Hospital.

Edward Daniel, III, Harrisburg; Medical College of Virginia, 1979; age 28, died July 15, 1981. Dr. Daniel was a family practice resident at Harrisburg Hospital.

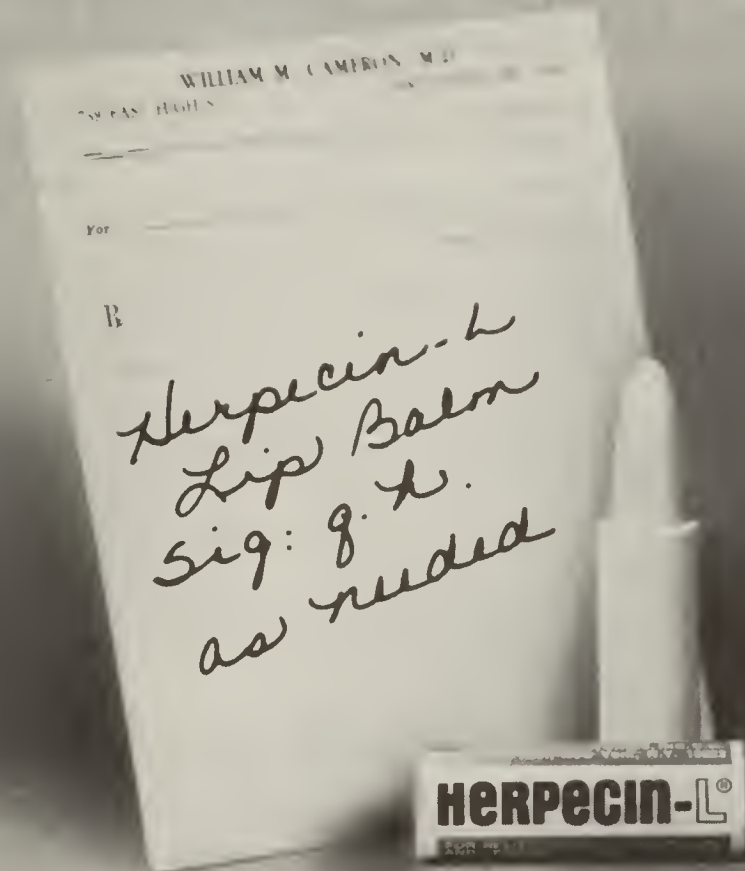
William G. Tasker, Berwyn; University of Manitoba Medical College; age 48, died June 24, 1981. Dr. Tasker was director of clinical investigation for Wyeth Laboratories in Radnor.

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Thrombocytopenic purpura after smallpox vaccine

Patrick J. Burke, MD
Marayan R. Shah, MD

Thrombocytopenic purpura has been associated with viral infections of various etiologies. It may appear after immunization for measles or smallpox, and latent idiopathic thrombocytopenic purpura may be reactivated by vaccination with vaccinia.¹ We report a case of thrombocytopenia following the administration of a vaccinia vaccination in Pennsylvania and we also point out the hazards of using this vaccine.

Case report

A five-year-old white male was referred to Geisinger Medical Center for evaluation of ecchymoses and petechiae of three days' duration and for an episode of prolonged epistaxis on the day of referral. Prior to this time he had been in his normal state of health without a history of bleeding disorders, recurrent epistaxis, or petechiae. He had no known immunologic disorders.

Two weeks prior to the onset of the skin lesions, he had received a smallpox vaccination on the left arm. No one in the child's family had any history of overseas travel or laboratory exposure to smallpox. The vaccination site had become erythematous, then vesicular, and on admission was covered with an oozing, black scab. The patient had no specific systemic complaints other than feeling tired. No gastrointestinal or genitourinary bleeding had been noted. He was taking no medication. Family history was negative for any bleeding disorder.

Physical examination revealed an afebrile child who did not appear acutely ill. Vital signs were normal. The skin was involved extensively with ecchymoses and petechiae over the lower extremities and with little involvement of the face (Figure 1). The



Figure 1.

oral mucosa revealed multiple areas of ecchymoses and active bleeding at the tip of the tongue. A 2 cm diameter scab covered the vaccination site and was freely oozing blood (Figure 2). The liver and spleen were mildly enlarged, and nontender lymphadenopathy was palpable in the left axilla.

Platelet count on admission was 1,000/cubic mm. Hemoglobin was 10.4g. Prothrombin time, partial thromboplastin time, and serum glutaminoxaloacetic transaminase were all normal. A LE prep and the

The authors are members of the pediatric subspecialties department at Geisinger Medical Center.



Figure 2.

Coombs' test were negative. ESR was 20 mms/hour. Bone marrow aspiration showed many megakaryocytes, normal cellularity, and normal white and red cell precursors. Urine was negative for blood. Stool was positive for occult blood.

After admission, the patient again experienced recurrent epistaxis which was difficult to control with local measures. He was started on prednisone, 2 mg/kg/day. The platelet count remained less than 5,000/cubic mm. Epistaxis continued over the next five days. On day four the prednisone dose was increased to 4 mg/kg/day for two days.

The platelet count rose to 30,000/

cubic mm on day seven and was 122,000/cubic mm on the tenth day. The epistaxis ceased, and the ecchymoses and petechiae began to resolve. The patient was discharged from the hospital on the tenth day, continuing on a dose of 2 mg/kg/day of prednisone. The dose was tapered gradually over the following six weeks.

Eight weeks after admission he was off all medications. His platelet count was 215,000/cubic mm. He experienced no further bleeding. Follow-up at six months post-hospitalization was normal. The vaccination site was well healed.

Discussion

The last reported case of non-laboratory acquired smallpox in the United States occurred in 1949 as a result of importation. The worldwide occurrence of smallpox has decreased steadily in the past 20 years.² The complication rate of primary vaccinia vaccination is approximately 74/million vaccinees and is much higher

in infants.^{3,4} These numbers, however, come from national surveys, and therefore it is felt that they represent only the minimal complication rate.⁵ Lane reviewed 68 deaths attributable to vaccinia vaccination from 1959 to 1966 and 1968.⁶

For these reasons, the routine immunization of school children with vaccinia was discontinued in 1971,² and for hospital personnel in 1976.⁷ No current medical epidemiologic reasons exist to require smallpox vaccination except in a few laboratory personnel.⁸ This vaccine is contraindicated in persons with eczema or malignancies, or in persons on immunosuppressive drugs, or pregnant.² Vaccinating one household member exposes all contacts to secondary spread. Eczema vaccinatum has been documented repeatedly due to such secondary implantation.⁶ "Therapeutic" use of the vaccine in recurrent herpes simplex or warts is without proven value.²

Despite the overwhelming evidence that smallpox vaccination is unnecessary and may be quite dangerous, such

vaccination is still practiced today. Fatal results of vaccination have been reported from California as late as this year.⁹ Our report indicates that this vaccine still is being used in Pennsylvania for children not at risk for the disease. The physician should be extremely selective in the use of smallpox vaccination and actively discourage its use, especially in children.

REFERENCES

1. Willoughby, M.L.N.: *Pediatric Hematology*, Churchill Livingstone, Edinburgh, London and New York, 1977.
2. Recommendation of the Public Health Service Advisory Committee on Immunization Practices. *Smallpox Vaccine*, June 1972.
3. Lane, J.M., Ruben, F.L., et al: Complications of smallpox vaccination, 1968. National surveillance in the United States. *N Engl J Med* 281:1201-1207, 1969.
4. Neff, J.M., Lane, J.M., et al: Complications of smallpox vaccination I. National survey in the United States, 1963. *N Engl J Med* 276:125-132, 1967.
5. Lane, J.M., Ruben, F.L., et al: Complications of smallpox vaccination, 1968. Results of ten statewide surveys. *J Infect Dis* 122:303-309, 1970.
6. Lane, J.M., Ruben, F.L., et al: Deaths attributable to smallpox vaccination in 1959 to 1966 and 1968. *JAMA* 212:441-444, 1970.
7. *MMWR* 25:9, 1976.
8. *MMWR* 28:265-267, 1979.
9. *MMWR* 29:117, 1980.

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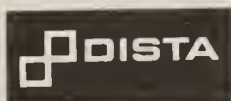
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Reference: 1. Hellerstein HK, Friedman EH. Sexual activity and the postcoronary patient. Arch Intern Med 125:987, 1970.

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DESCRIPTION: Methyltestosterone is 17 β -Hydroxy-17-Methylandrosterone-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **INDICATIONS:** In the male: 1. Eunuchoidism and eunichism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgenic deficiency. 4. Post-puberal cryptorchidism with evidence of hypogonadism. Cholestatic hepatitis with jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged dosage of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal disease. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and eunuchism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric, *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

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Pennsylvania Medicine

Vol. 84, No. 10

OCTOBER 1981



Raymond C. Grandon, MD
132nd President
Pennsylvania Medical Society

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W. C. Grandon

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Depressive,
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somatic
symptoms respond
rapidly...

without a phenothiazine

A special quality of relief typically comes early to anxious depressed patients treated with Limbitrol. For example, core depressive symptoms—feelings of guilt and worthlessness—often respond within a week. So do insomnia, anorexia, agitation, and psychic and somatic anxiety. And as the anxious depression responds, so, often do the related somatic symptoms—headache, backache, G.I. upset, palpitations.* No less important to the patient's progress is the enhanced compliance that comes with the early sense of well-being.

With Limbitrol, these striking results are obtained without the phenothiazines contained in other dual medications. The causal relationship between the phenothiazines and extrapyramidal side effects, including tardive dyskinesia, is well established. In contrast, the reported incidence of these adverse reactions with Limbitrol or either of its components is rare.

Patients should be cautioned about the combined effects with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car.

*Data on file, Medical Department, Hoffmann-La Roche Inc.

**Please see summary of product information
on following page.**

in moderate depression and anxiety

Limbitrol®[®] [®]IV

Tablets 5-12.5 each containing 5 mg clordiazepoxide and 12.5 mg amitriptyline
(as the hydrochloride salt)

Tablets 10-25 each containing 10 mg clordiazepoxide and 25 mg amitriptyline
(as the hydrochloride salt)

A special quality of relief



LIMBITROL® TABLETS Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline; symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. Concomitant use with other psychotropic drugs has not been evaluated. Sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12.

In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female and elevation and lowering of blood sugar levels.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol 10-25, initial dosage of three to four tablets daily in divided doses, increased to six tablets or decreased to two tablets daily as required. Limbitrol 5-12.5, initial dosage of three to four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: White, film-coated tablets, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) and blue, film-coated tablets, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt)—bottles of 100 and 500; Tel-E-Dose® packages of 100, available in trays of 4, reverse-numbered boxes of 25, and in boxes containing 10 strips of 10, Prescription Paks of 50.

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MS MEMBERS MOURN EATH OF DR. KECK

David J. Keck, MD, Chairman of the PMS Board of Trustees, died suddenly October 1, at age 56. He had been a Board member for 12 years and chairman since 1978. He was a member of the Pennsylvania Delegation to the AMA and had served on numerous PMS councils and committees. He was president of the Erie County Medical Society in 1971. Dr. Keck was a general practitioner in Fairview.

OVERNOR THORNBURGH O ADDRESS PMS HOUSE

Governor Dick Thornburgh will speak at the opening session of the Society's House of Delegates November 6 at the Pittsburgh Hilton Hotel. The governor's acceptance of an invitation to address delegates followed a September 9 meeting with Society leaders on problems of the Medical Assistance program. The PMS annual meeting will last through Sunday, November 8. Reference committee open hearings, at which any member can speak, are scheduled for the afternoon of Friday, November 6. The Official Reports Book will be mailed to county medical society delegates on October 15 and will contain a detailed meeting schedule.

MS WORKERS' COMP PLAN EFUNDS 47.5% OF PREMIUM

Those PMS members participating in the Society-endorsed workers' compensation insurance program will receive refund checks in October from Casualty Reciprocal Exchange, administrator of the program. The refund totals over \$240,000, which is an actual return of 47.5 percent on annual premiums paid, and is a record high saving. PMS member participation in the program continues to grow. Premium volume in 1981 increased 45 percent over 1980.

WO PSROs WIN APPEALS; ILL CONTINUE FUNCTIONS

Northwestern PA Area I PSRO and Allegheny Area VI PSRO, scheduled for termination September 30, received reprieves from the Health Care Financing Administration. They will continue in operation at least until early 1982. All seven Pennsylvania PSROs receiving notices of termination last June appealed, but only these two were successful. Peer review in those areas without PSROs is now the responsibility of the medicare fiscal intermediary and the state medicaid program.

ATASTROPHE LOSS FUND EEKS 38% SURCHARGE

The CAT Fund has requested a 1982 surcharge of 38 percent of the basic medical malpractice premium for each physician. The request was filed with the insurance department September 9. The 1981 surcharge is 22 percent. Established under Act 111, the state's malpractice act, the fund pays awards in excess of basic policy limits up to \$1 million. Each percentage of surcharge yields about \$750,000. Thomas J. Judge, Sr., fund director, said claims of \$19.5 million must be paid before the end of 1981, leaving a balance of less than \$7 million. He said the fund needs \$28 million in 1982 to maintain the required \$15 million fund level and meet 1982 expenses.

Pennsylvania Medicine



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Sometimes the best way to fight the taxman is to rollover.

If you're retiring or changing jobs, you may be eligible for a lump sum distribution from your pension or profit-sharing plan. Unfortunately, the money withdrawn could be subject to income tax. But there is a way you can fight the IRS without lifting a glove. It's called an Individual Retirement Account Rollover. IRA rollover, short.

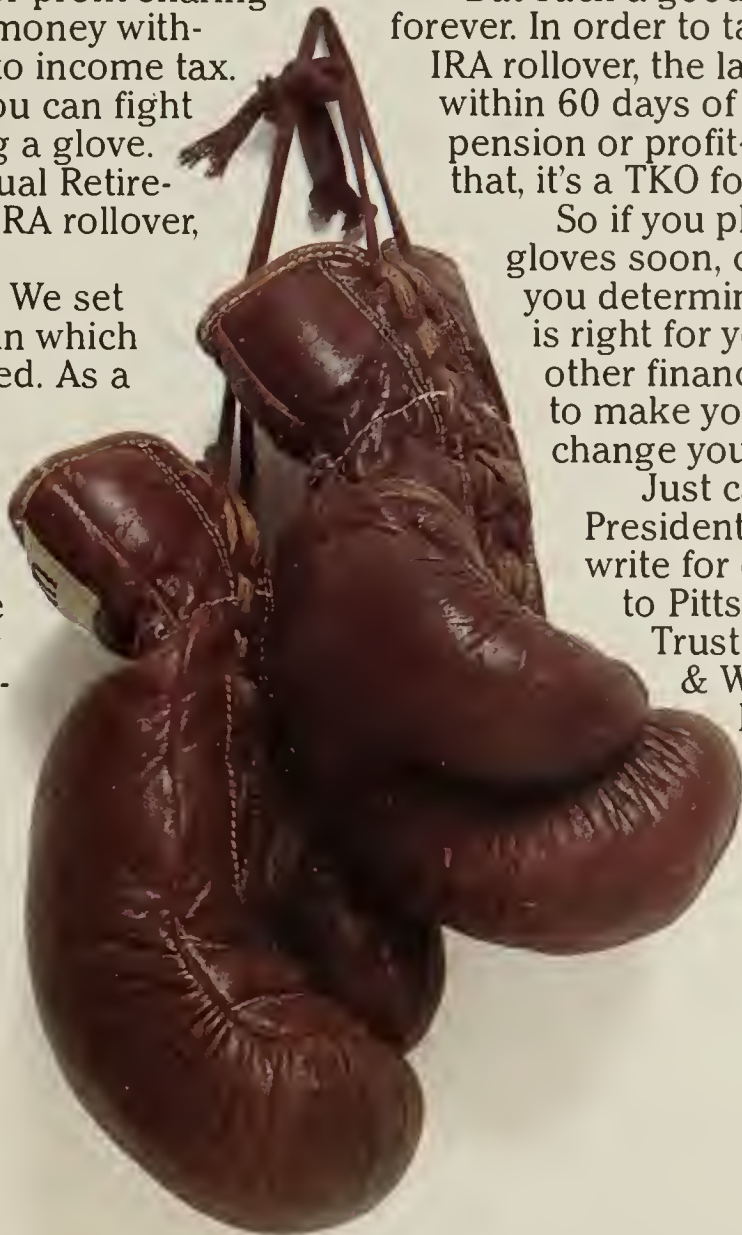
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editorial

Placental crossover

"With rare exception, any drug that exerts a systemic effect in the mother will cross the placenta to reach the embryo and fetus."¹

The transplacental effects of a number of substances including prescribed medications, over-the-counter preparations, smoking, and alcohol and drug abuse have been studied. Some of the reported effects on the baby have seemed insignificant, while others have produced tragic results. Not until the early seventies was a drug known or suspected to cause cancer by placental crossover. At present, it would appear that diethylstilbestrol may be an etiologic agent in certain types of female genital tract cancer and the term "transplacental carcinogenesis" has been tentatively applied. Diethylstilbestrol (DES) and a number of similar drugs under different names are, you will recall, synthetic non-steroidal estrogens that were prescribed in the late forties and early fifties for a number of conditions occurring during pregnancy. Among these were bleeding, previous pregnancy loss, and maternal diabetes.

The first cluster of seven cases of clear cell adenocarcinoma of the vagina in young women was seen between 1966-1969 at Vincent Memorial Hospital in Boston. An eighth similar case was treated at another Massachusetts hospital during that period of time.² What made these cases so unusual was the rarity of clear cell adenocarcinoma and the very young age of the patients. Coupled with the extremely low percentage of primary vaginal neoplasms, about 2 percent, when compared with all female genital tract cancers, and their propensity for older women, typically over 50 years of age, physicians were puzzled by these cases.

An in-depth investigation was begun. Four controls were selected for each patient. Data were obtained for maternal age, maternal smoking, prior pregnancy loss, bleeding during this pregnancy, intrauterine x-ray exposure, or estrogen taken during pregnancy. Seven of the eight mothers of daughters with clear cell adenocarcinoma of the vagina were treated during pregnancy with a DES type drug. None of the four matched controls received estrogens during pregnancy. None of the other categories studied revealed such a marked difference nor did any of the additional factors studied. All of the mothers who took DES were being treated for high-risk pregnancy associated with bleeding and pregnancy loss.³ It seemed that an answer had been found.

A Registry of Clear Cell Adenocarcinoma of the Genital Tract in Young Females was established. Information col-

lected revealed that most patients have symptoms of abnormal bleeding or discharge and/or bleeding between menses. Tumors have involved all areas of the cervix and vagina and vary greatly in size. Age of patients varies from seven to 29 years at the time of diagnosis, with the youngest patients having the most aggressive type of carcinoma. Other non-neoplastic lesions associated with DES drugs include vaginal adenosis, cervical erosion and vaginal and cervical ridges. The incidence of cancer may be 1.4 in 1000 but may be as low as 1.4 in 10,000 exposed women.

Research has not absolutely confirmed DES type drugs as carcinogens or incomplete carcinogens. There is, however, sufficient information to suspect that the association exists. The etiologic mechanism is not well understood but it is thought that DES crosses the placenta to act on the developing Mullerian type cells. It is puzzling that some patients develop cancer while others with similar exposure do not. Researchers suspect other factors are involved but do not know what these might be.^{4,5}

The National Institutes of Health has made available without charge a booklet entitled *Prenatal Diethylstilbestrol (DES) Exposure: Recommendations of the Diethylstilbestrol-Adenosis (DESAD) Project for the Identification and Management of Exposed Individuals* and an atlas entitled *Atlas of Findings in the Human Female After Intrauterine Exposure to Diethylstilbestrol* for physicians. In addition, two pamphlets designed for public distribution are also available without charge: *Questions and Answers About DES Exposure During Pregnancy and Before Birth* and *Were You or Your Daughter or Son Born After 1940*. Any of these publications may be obtained in single or multiple copies by writing to the Office of Cancer Communications, Department DES, Building 31, Room 10A19, National Cancer Institute, Bethesda, Maryland 20205.

David A. Smith, M.D.
Medical Editor

REFERENCES

1. Pritchard, JA and MacDonald, PC: *Williams Obstetrics*, 16th ed., New York: Appleton Century Crofts, 1980. p. 321.
2. Herbst, AL: Adenocarcinoma of the vagina in adolescence. *Cancer* 25 (4) 745-51, April 1970.
3. Herbst, AL: Adenocarcinoma of the vagina: association of maternal stilbestrol therapy with tumor appearance in young women. *New England Journal of Medicine* 284(16) 878-881, April 22, 1971.
4. Herbst, AL: Interview: DES Update. *CA* 30 (6) 326-332, November-December 1980.
5. Herbst, AL et al: Epidemiologic aspects and factors related to survival in 38 Registry cases of clear cell adenocarcinoma of the vagina and cervix. *American Journal of Obstetrics and Gynecology* 135 (7) 876-885, December 1, 1979.

The Alumni Association of Jefferson Medical College
extends its invitation to all members
for a brunch on Sunday, November 8, 1981
at the Pittsburgh Hilton Hotel
to honor

President-Elect of the Pennsylvania Medical Society
Raymond C. Grandon, MD, '45

(a letter of invitation with additional information will be mailed on October 12, 1981)



INTERNAL MEDICINE BOARD REVIEW

Wednesdays, 4:00 to 7:00 p.m.

**January 6 to June 23, 1982
(No Session April 7th)**

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COURSE DESCRIPTION

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newsfronts

Dr. Grandon's presidency culminates 30 active years

Raymond C. Grandon, MD, of Harrisburg, became active in the Pennsylvania Medical Society even before he was eligible for membership. He brings that devotion of more than 30 years' duration to its culmination on November 7, when he will be installed as the 132nd president of the Pennsylvania Medical Society.

He's been in the forefront of much activity on the medical scene in the years since he arrived at Harrisburg Hospital in 1948 for a residency in internal medicine, after having spent a year's internship at Bethlehem's St. Luke's Hospital and two years in the U.S. Army.

He literally asked for his early assignments for the same reason that he has continued to serve in various positions in organized medicine. "If I feel I have something to contribute, then I try to do it. My guiding concerns are humanity and medicine. Where I can serve and lend my expertise, that's where I work."

It was in this spirit during the past twelve months that he guided the Committee on Planning and Evaluation, which he chaired by virtue of his office as president elect. His report on the committee's work, which appears elsewhere in this issue, is an indication that his early training in Society activities prepared him well for the arduous planning task.

"When I arrived at Harrisburg Hospital," he recalled, "I found that the internal medicine residency program was not approved. I felt that this had to be remedied so I set my energies to getting the program approved by the AMA Liaison Committee. By the time we finished not only the internal medicine residency program but nine other residencies were approved as well."

This interest in education led to his



involvement in State Society work prior to joining PMS. "In those days, he said, "residents could not be members. But my mentors at Harrisburg Hospital were anxious to put me to work, so they got me involved in the PMS Commission on Medical Education. I was appointed chairman of a subcommittee on medical education.

My job was to develop programs for physicians returning from duty after World War II. I visited hospitals all over the state promoting programs which assisted physicians returning to private practice as part of the Post-Graduate Hospital Training Program."

After becoming a PMS member in

1950 Dr. Grandon was appointed to the Council on Scientific Advancement, which was responsible for the Society's continuing medical education activities. Soon he became council vice chairman and two years later became chairman, a post he held for a record 11 years. At the same time, he became active in the Dauphin County Medical Society, holding every office, including secretary/treasurer for 10 years and the presidency in 1971.

In 1950 when he entered the private practice of internal medicine, with a subspecialty in cardiology, he became active also in the Pennsylvania Society of Internal Medicine. He served on many of its committees and was elected treasurer and secretary before serving two consecutive terms as president, an unprecedented honor. For PSIM, his service has extended beyond the Commonwealth. He is a delegate to the American Society of

Internal Medicine which he has served in numerous committee posts, including chairman of the Bylaws Committee.

Known for his steady stream of ideas, Ray looks back with pride to some of the firsts in the Harrisburg area which have flowed from his initiative. He persuaded a central Pennsylvania baker to make salt-free bread for cardiac patients. That product is now widely available. He was responsible for the first congenital heart operation in Harrisburg and was also responsible for the idea, fund raising for, and production of the first live television production of a heart operation from Presbyterian Hospital, Philadelphia, to Harrisburg. He was co-founder of the first CPR (cardiac-pulmonary rehabilitation) center in the country, a concept which is now widespread.

Dr. Grandon, served as State Soci-

ety secretary from 1969 until 1973 when he was elected trustee from the Fifth District. He served on the Board until his 1980 election as vice president. He is a delegate to the AMA House of Delegates.

Dr. Grandon is on the staff of Harrisburg and Holy Spirit Hospitals and the Mechanicsburg Rehabilitation Hospital. For the Rehab Hospital he is medical director of the CPR Center. He is medical adviser to Holy Spirit Cardiac Treatment Center, and is clinical assistant professor of medicine at the Milton S. Hershey Medical Center, the Pennsylvania State University College of Medicine.

He was director and associate professor of medicine of the Hahnemann Affiliate Faculty at Harrisburg Hospital from 1958 through 1964. Recently he was appointed advisor to the Hahnemann Physician Assistant Program, which he served as a preceptor in 1975-76.

Dr. Grandon is a life member of the American College of Physicians and remains active in the Jefferson Alumni Association as a member of its Executive Committee.

In 1973 Governor Shapp appointed Dr. Grandon to the State Board of Medical Education and Licensure and he served for four years. "My term on the state medical board," he recalls, "was my way of demonstrating my personal belief that we all must be willing to serve on such public panels and to deal forthrightly with the problem of disciplining the profession. I am proud of the outstanding record of PMS in support of the State Board of Medical Education and Licensure."

Dr. Grandon has been an active member of the Federation of State Boards of Medical Education and Licensure, and served on its Professional Relations Committee from 1973 through 1979.

Ray Grandon was born in Carlisle and attended Harrisburg public schools. He completed his undergraduate work at Dickinson College in Carlisle, and in 1945 was awarded the degree of doctor of medicine at Jefferson Medical College. He and his wife Doris, a past president of the Pennsylvania Medical Society Auxiliary, live in New Cumberland. They have a daughter, Susanne, and two sons, Raymond and David.

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Health department outlines influenza vaccine needs

Mary Ann McCarthy, RN

During the 1980-81 influenza season, the predominant influenza virus in Pennsylvania was closely related to A/Bangkok/1/79 (H3N2). The number of isolates peaked in late December 1980 and early January 1981. Seventeen percent of the positive specimens were from the population less than 27 years of age and 83 percent from the population 27 years of age and older. Influenza A (H1N1) resembling A/Brazil/11/78 was also isolated in the state. Eighty percent of these isolates were from persons less than 27 years old. There were no isolates of influenza B reported in Pennsylvania.

Preliminary data from the Centers for Disease Control (CDC) indicate that excess mortality associated with the 1980-81 Influenza A/H3N2 was the highest recorded since the influenza pandemic of 1968-1969. For 13 weeks the observed ratio of deaths at-

tributed to pneumonia and influenza in 121 U.S. cities was above the epidemic threshold.

Influenza virus vaccine

The specific antigens in the influenza vaccine for 1981-82 are the same as those in the 1980-81 vaccine: A/Brazil/78 (H1N1), A/Bangkok/79 (H3N2), and B/Singapore/79. The potency of the 1981-82 vaccine, however, has been doubled. For each component antigen of the trivalent vaccine, the hemmagglutinin content will be 15 μ g/0.5 ml dose. (It was 7 μ g in 1980-81).

Persons 29 years of age and older will require only 1 dose. Because of lack of previous contact with H1N1 strains, persons under 29 years of age who did not receive at least 1 dose of the 1978-79, 1979-80, or 1980-81 trivalent vaccine will require 2 doses of

the 1981-82 vaccine. Those who did not receive the 1978-79, 1979-80, or 1980-81 vaccine will require only 1 dose. The 1981-82 vaccine is available as whole-virion (whole-virus) and subvirion (split-virus) preparation. Past data indicate that split-virus vaccines are associated with somewhat fewer side effects in children than whole-virus vaccines. Thus, only split-virus vaccines are recommended for persons under 13 years of age.

General recommendations

Annual vaccination is strongly recommended for all persons, children and adults, who are at increased risk of adverse consequences from infections of the lower respiratory tract. Conditions predisposing to such risk include: 1. acquired or congenital heart disease with actually or potentially altered circulatory dynam-



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3; 2. any chronic disorder with compromised pulmonary function; chronic renal disease with azotemia; the nephrotic syndrome; 4. diabetes mellitus and other metabolic diseases with increased susceptibility to infection. 5. chronic, severe anemia; and conditions which compromise the immune mechanism. Vaccination is also generally recommended for older persons, particularly those over age 65, because excess mortality in influenza outbreaks occurs in this age group.

Use in pregnancy

Physicians should evaluate the need for pregnant women for influenza immunization on the same basis as that used for other persons. If vaccine is to be given during pregnancy, it is reasonable to avoid giving it during the first trimester. There is no evidence to suggest that influenza vaccine carries

any maternal or fetal risk, and, being inactivated, it does not share any of the theoretical risks of live-virus-vaccine infection of the fetus. Nonetheless, waiting until the second or third trimester should minimize any concern over teratogenicity.

Side effects and adverse reactions

Data accumulated during extensive studies in 1976 and 1978 indicate that the increased concentration of antigens in the 1981-82 influenza vaccine should not significantly increase the frequency or severity of side effects. There are no data, however, on re-

activity or antibody response when the dosage volume is increased to 1 ml, as would be required to administer ~ 15 µg of hemagglutinin with last season's vaccine. To assure the administration of vaccine of recommended potency, without unpredictable reactions, the Food and Drug Administration and CDC advise the use only of the vaccine prepared for the 1981-82 season; *the use of 1 ml of influenza virus vaccine produced in 1980 is not recommended.* Individuals with anaphylactic hypersensitivity to eggs *should not* be given influenza vaccine. This would include persons who, on eating eggs, develop swelling of the lips or tongue or experience acute respiratory distress or collapse.

Annual immunization continues to be the most important way to prevent influenza and *should become routine* for all persons at high risk of serious and fatal disease.

Ms. McCarthy is an epidemiologist with the Pennsylvania Department of Health. She refers readers to CDC's Morbidity and Mortality Weekly Report, V. 30, Nos. 23 and 31, for additional information.

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What does the new tax law mean to physicians?

Leif C. Beck, LL.B., CPBC

Geoffrey T. Anders, J.D., CPA

The "Economic Recovery Tax Act of 1981" was signed into law by President Reagan on August 13. It contains items of real significance to practicing physicians, so let us briefly comment on the four major areas of interest.

1. Tax Rate Decreases. While personal income tax rates drop only slightly (1.25%) this year, there will be a substantial change for 1982. In addition to a 10% overall rate decrease, the present maximum 70% rate will fall to 50% for 1982 and thereafter. Very high income doctors will find this change to permit large tax savings.

For example, a physician having \$20,000 per year of unearned income taxed at a not unusual 64% rate would save \$2,800 per year every year. Since he must usually earn at least twice that amount to save \$2,800 per year, the change is major.

Physicians should do some planning this calendar year to take advantage of the upcoming rate change. Any income one can defer to 1982 and any deductions one can accelerate into this year will provide a special saving. The tax avoided in this year 1981 may be upwards of 70%, while the tax incurred next year cannot exceed 50%. Immediate professional incorporation, delay in billing for medical services and fulfillment of longer term charitable pledges are a few devices that may be useful.

The maximum tax on capital gains correspondingly drops from 28% to 20%. This makes the sell-off of any real estate, stocks, bonds, etc. still more desirable. Although this rate change was made effective back to June 9, 1981, the planning opportunity still exists - a capital gain this year is lower taxed while a capital loss this year reduces taxes at rates still up to 70%.

2. Retirement Plan Changes. The most publicized change for retirement plans was to increase Keogh contribution limits from \$7,500 to \$15,000 starting after 1981.* This will cause some doctors to decide against

professional incorporation, but in various analyses so far the corporate route has nevertheless appeared mathematically preferable for a majority of the "close cases." The choice between Keogh and professional corporation continues to require careful and independent advice.

The Act provides a small, but useful, new benefit for the many doctors who are already incorporated. Starting in 1982, each retirement plan participant may contribute out of his or her pocket up to \$2,000 per year as tax deductible voluntary contributions. We consider this a means of increasing one's tax sheltered savings at no real cost, so we urge taking annual advantage of the opportunity.

Existing retirement plans will in most cases have to be amended to accommodate the so-called "qualified voluntary employee contribution." The language changes should in most cases be insignificant, involving only minimal fees, so they should be requested promptly.

The extra \$2,000 contributions may similarly be made by unincorporated doctors to their Keogh plans and by faculty physicians to their institutional "tax sheltered annuities." Instead of adding to their existing plans, whether corporate, Keogh or institutional, doctors may separately fund so-called individual retirement accounts (IRAs) up to the \$2,000 annual limit. We recommend, however, avoiding separate IRAs and including the additions in existing plans in most cases.

3. Changes as to Equipment. To stimulate business capital spending, the Act essentially accelerates depreciation deductions on equipment, office furnishings and the like. A new practice automobile, for example, can now be written off over three years while any other medical office equipment now assumes a five year tax life. Since the change applies to purchases in 1981, one's obtaining an equipment

item before this December 31 could result in particular tax savings: greater depreciation this year before the tax rates drop.

Starting next year, a taxpayer may purchase up to \$5,000 of equipment per year and totally write it off as an expense. This will help typical professional medical corporations which purchase some routine items each year and which have little or no use for the investment tax credit (which is unavailable to the extent of such annual write-off).

The depreciation on medical office buildings constructed or purchased this year or hereafter was also made more generous. A building can be written off over fifteen years, possibly providing much greater yearly depreciation deduction for ownership.

Finally, a doctor who wishes to renovate an old building into an office or rental property may now have a significant tax inducement. A straight investment tax credit is allowed on the rehabilitation expense, amounting to 15% if the building is at least thirty years old and 20% if it is at least forty years old. And if the building is "certified historic," the tax credit is a whopping 25%!

4. Estate Tax Changes. The Act avowedly removes most citizens from estate tax concerns, though we believe physicians will require continued estate planning and related tax advice. By totally exempting transfers and bequests from one spouse to the other and by increasing the property exemption up to \$600,000 (in stages through 1987), death tax concerns will be very much reduced. In fact, doctors who have purchased life insurance to protect their estates from taxes should reconsider that insurance need.

Estate planning advisors are just beginning to digest the significance of these rather sweeping changes. Even the common arrangement of having two trusts (marital and residuary), often called an "A-B trust arrangement," will become inappropriate for many doctors. Hence, the time and expense of renewed estate plans and totally rewritten wills should be a result of the new tax law's generosity.

*However, the contribution may still not exceed 15% of one's net income which, for example, is only \$10,500 for a \$70,000 a year doctor.

The authors are the principal consultants/attorneys for Management Consulting for Professionals, Inc., Bala Cynwyd.

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Society develops new shape, purpose through planning

Raymond C. Grandon MD

Not too many years ago, the role of the PMS president elect was limited to having his name placed on Society stationery, filling in for the PMS president when he wasn't available to attend various medical society meetings, and generally becoming acquainted with the duties that await him as president. This arrangement worked well in those simpler times when the issues confronting PMS were largely predictable and their potential effects less distressing and pervasive than they are today.

As we all know, this day has passed, and the role of all officers at all levels of organized medicine has changed. The rapid succession of social, economic, and political issues that medicine faces no longer allows any of us merely to perform ceremonial duties.

The role of president elect perhaps underwent its greatest change when in 1980, the PMS Board established the Committee on Planning and Evaluation with the president elect as its chairman. By creating this committee and making the Society's next president responsible for it, the Board indicated that this was to be a committee whose work was of the utmost importance to the success and effectiveness of the Society. Dr. Leroy Gehris chaired this committee during its first year, and with his becoming president, it became my responsibility.

The rationale of the Board in creating this committee and the premise that has governed the committee in its operation is both basic and profound—that under even the best of circumstances, planning is a necessary part of any human activity, whether individual or collective.

All of us plan everyday. We have plans for the day, the week, next summer, retirement, and so on. Usually this planning is done very informally; the details are somewhat vague; and the implementation is casual and susceptible to change.

Similarly, organizations—PMS and

others—have in the past operated much like individuals—this is to say, with a kind of informal planning process. And in the past, such informal planning has mostly been adequate.

But for organizations, and probably for individuals, this is no longer the case. At PMS, and PMS is not unique, the ravages of inflation, a level membership market, and the proliferation of concerns that must be dealt with demand more than informal planning.

For instance, a 10 percent inflation rate means that if dues and membership remain steady, each year our financial resources are reduced 10 percent. With a \$3 million budget that means \$300,000 less this year than last.

An unacceptable way to handle this problem is to continually increase dues. But this approach is shortsighted and ultimately self-defeating. Surveys conducted at the national level by the AMA and at the state level by PMS—surveys of both members and non-members—indicate that the cost of belonging to organized medicine has become a key consideration for physicians when deciding



whether to join organized medicine or deciding whether to maintain membership. In short, the toleration for dues increases has probably just about peaked.

The alternative is to plan: to determine what our membership wants us to do; to design programs that coincide with the membership's indicated priorities; and to implement such programs over the next few years.

This is what the Board had in mind when it established the Committee on Planning and Evaluation, and this is

Mission Statement

"The purpose of this Society shall be to federate the medical profession within the Commonwealth; to unite with similar medical organizations to form the American Medical Association; to represent the interests of the medical profession; to promote and support the advancement of medical science and the extension of medical knowledge; to advocate high standards of medical education; to uphold the ethics, integrity, and dignity of the medical profession; to strive to make quality medical care available to the public; to advocate and support both public and private programs that will enhance the health and well being of the public; to promote a professional, socioeconomic, and political atmosphere conducive to quality care; and to improve public understanding in regard to health."

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- Increase membership at all levels of organized medicine.
- Work with specialty societies in order to strengthen the effectiveness of organized medicine.
- Get appropriate reimbursement, fast and efficiently, for physicians through third party payors.
- Develop public relations plans that show how PMS advocacy for the profession ties into the public good.
- Train PMS leadership so they are convincing advocates of PMS positions and programs.

Academy of Pediatrics gathers in New Orleans

The 1981 Annual Meeting of the American Academy of Pediatrics will be held October 31 - November 5 at the New Orleans Hilton Hotel, New Orleans, La.

The meeting will begin with 22 seminars which cover areas of special interest to children's health care. Topics include ethical issues in genetic screening, adolescent nutrition problems, hypnosis in clinical pediatric practice, the failure to thrive

syndrome, and the herpes virus.

Jerome Kagan, PhD, professor of human development at Harvard University, will present the keynote address, "New frontiers in child development." Dr. Kagan is a specialist in cognitive and personality development during the first ten years of life.

For more information write: Allison Waitley, Registration Supervisor, AAP, PO Box 1034, Evanston, IL 60204.

Chest physicians plan scientific assembly

The 47th Annual Scientific Assembly of the American College of Chest Physicians will be held at the San Francisco Hilton Hotel and Civic Auditorium/Brooks Hall, October 25-29, 1981.

The program will provide for scientific dialogue among pulmonologists, cardiologists, thoracic and cardiovascular surgeons, immunologists, and other specialists in cardiopulmonary medicine and surgery.

Five postgraduate courses are scheduled for Sunday, October 25. Topics include assessment of disability and rehabilitation in cardiac and pulmonary disease, complications of respiratory therapy, the problem asthmatic, and the team approach to treating the critically ill patient.

Four major symposia, more than 40 clinical colloquia, 23 luncheon panels, and special sessions discussing computerized tomography are planned. Also accepted for presentation at the meeting are 158 original investigations.

The meeting is accredited for 30 hours of Category 1 credit (on an hour-for-hour basis) toward the AMA's Physician Recognition Award.

For further information, write: Department of Education, American College of Chest Physicians, 911 Busse Highway, Park Ridge, IL 60068.

State surgeons attend 67th clinical congress

The Central Pennsylvania Chapter, American College of Surgeons, will hold a reception in San Francisco during the 67th Annual Clinical Congress of the college. Gary G. Nicholas, MD, chapter secretary-treasurer, said invitations have gone to fellows, candidates for fellowship, and their guests. The reception will be held from 5:30 to 7 PM, October 14, 1981, in the Elizabethan B Room of the St. Francis Hotel. The annual gathering of chapter members provides an opportunity for renewal of friendships, Dr. Nicholas said.

what the committee labored to achieve.

One of the first activities of the committee was, with the aid of the consulting firm, Hay Associates, to conduct a survey in which all members were asked to state their views on PMS goals and performance. The results of the survey were broad-based; over 50 percent of the membership responded. In addition, key leadership and staff were interviewed. Utilizing this information, the committee began its work by developing a mission statement.

What is a mission statement and why is it important? A mission statement is a concise and clear formulation of an organization's purpose. It answers the question: Why are we in business? To plan without answering this question is akin to taking a trip to an unknown place without a road map.

A mission statement is characterized by permanency, although of course, emphasis may shift at times from one element of the statement to another. The important consideration is that the mission statement be neither overly general nor overly specific. It must be general enough not to be quickly dated, yet specific enough to give real definition to the organization's everyday activities.

After a good deal of deliberation, the committee proposed a mission statement which was adopted by the Board at its meeting this past February.

A second activity of the Planning Committee involved examining the list of draft objectives which emerged from a special Board of Trustees meeting held in September 1980.

Assisted by the work of a staff task force, the committee spent two meetings selecting, refining, and rewriting the draft objectives. Our purpose was to review the draft list for critical omissions; to eliminate items which were more like goals and strategies (ways of achieving objectives, rather than actual objectives); and to test the objectives against data, such as the results of the all-member survey.

I think that the revised set of sixteen objectives which came out of this process clearly set forth what PMS should strive to accomplish over the next three to five years.

At the February Board meeting, the Planning Committee recommended

he adoption of these sixteen objectives. The committee also suggested tentative priorities, but advised the Board that as programs to carry out these objectives were developed, circumstances and wisdom may dictate a reordering of these.

The committee grouped the objectives in three categories: those which were most pressing or of overriding concern (top priority); those which were important, but discernibly less overriding or less pressing at this time (the second group); and those which were important, but not as pressing as those in the first two groups. The committee made no attempt to order items within each group.

Next, physician task forces were formed—five in all—to address each of the items identified in the first group of objectives. Each of these task forces was aided by a staff task force assigned to each item.

The job of these task forces was to come up with a series of specific, concrete goals to implement the first group of objectives. The Planning Committee defined a goal as a preliminary step toward achieving an objective. A goal is an activity usually achievable in a year. The task forces were also to develop work plans and budgets for achieving the goals.

These goals, work plans, and estimated costs were subsequently reviewed and approved by the Planning Committee and the Board of Trustees. They then were scrutinized by the Finance Committee and incorporated into the budget process.

What the Committee on Planning and Evaluation has achieved so far is really only the beginning of a process that will be ongoing and whose impact will be evolutionary rather than immediate. Although the planning process now offers PMS a formal, orderly, and measurable way of addressing the issues medicine faces or is likely to face, it does not mean a total abandonment of the way we have done things. Nor should it.

What it does mean is that all segments of the Society, from the Board of Trustees to the chairman of the councils and their physician members to the PMS staff, now will be thinking in terms of specific objectives and will be directing their efforts and the Society's resources to achieving these.

Slowly but inevitably, as more of the procedures derived from the planning process are put into place, PMS policymakers will be able to assess and evaluate at any given time the progress that is being made to accomplish priorities identified by the membership. Moreover, the priorities themselves can be tested for relevance and when necessary revised. But this will require a sustained effort, one that will require continued hard work from members of the Committee on Planning and Evaluation and continued cooperation from all others.

Organized medicine is at a crossroads. Looking down one road, we can see a path that looks very much like the one we have just taken except that we don't know where it will lead us.

Looking down the other road, we perhaps are made a little uneasy by its unfamiliarity, but we now have a map—our mission statement and objectives.

PMS is now ready to embark down this second road. We take our first step

in 1982. We can do this full of confidence, for we have planned carefully and as far as humanly possible we have made preparation for providing against the adverse forces we may encounter.

The journey PMS begins in 1982 won't be completed this year or the next or the next. But the planning process does allow us to know how far we must travel each year. We know this for 1982. Under the able leadership of Dr. Michael P. Levis, the 1982 president elect and new chairman of the Committee on Planning and Evaluation, at this time next year we will know whether we reached our first checkpoint and how far we must travel in 1983.

PMS is stronger now than it has ever been, but it has been made even stronger by the new shape and purpose it has been given because of the planning process and those who have worked so hard for its implementation. Many deserve thanks for the new successes we are about to enjoy.

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Per se violations and exceptions in anti-trust actions

Kenneth B. Jones, Esq.

In an earlier article¹ I suggested that the courts will ask two basic questions when faced with an anti-trust case: (1) is there a *combination* of economic entities—joint action, and (2) is the challenged action of that combination *anti-competitive* in the context of the particular industry? Since the courts must examine the particular industry and since plaintiffs and defendants and their experts paint conflicting pictures of the industry involved, anti-trust cases are complicated and expensive².

Per Se Violations

The courts have recognized, however, that certain practices are so clearly anti-competitive that they are anti-trust violations no matter what the industry.³ These clearly anti-competitive practices are called *per se* violations. If one of these practices by a combination is shown a *prima facie* anti-trust violation is established.

The principal *per se* violations applicable to the health care field are:

Price Fixing. Price fixing is the classic *per se* violation.⁴ In its purest

form price fixing occurs when two or more competitors agree that they will sell only at a particular price. Even absent an actual agreement on a particular price, any combination that tampers with the price structure or pricing mechanism is unlawful.⁵ Price fixing is clearly anti-competitive because it eliminates the basic competition of a free market-competition on the basis of price.

Boycott. A boycott is a concerted refusal to deal with another economic entity with anti-competitive purpose or effect.⁶ The most familiar example of a boycott is the wage owners strike. A strike is concerted activity because two or more economic entities—the wage earners—are involved. Those wage earners refuse to deal with the employer. Their purpose is anti-competitive since the wage earners are attempting to fix the price for their services. Boycotts can be either horizontal—among competitors—or vertical—among competitors and, for example, the competitors' supplier. In either case free market forces are inhibited.

Division of Markets. A division of markets occurs when sellers or buyers agree not to compete in specific geographic areas or in certain product lines.⁷ For example, competitors selling two product lines might agree that competitor one will sell only product one and drop product two in return for competitor two dropping product one. Or two competitors who compete in Pennsylvania might agree that competitor one will only sell in the eastern half of Pennsylvania; competitor two will only sell in the western half. Market division is anti-competitive because it artificially reduces the number of competitors.

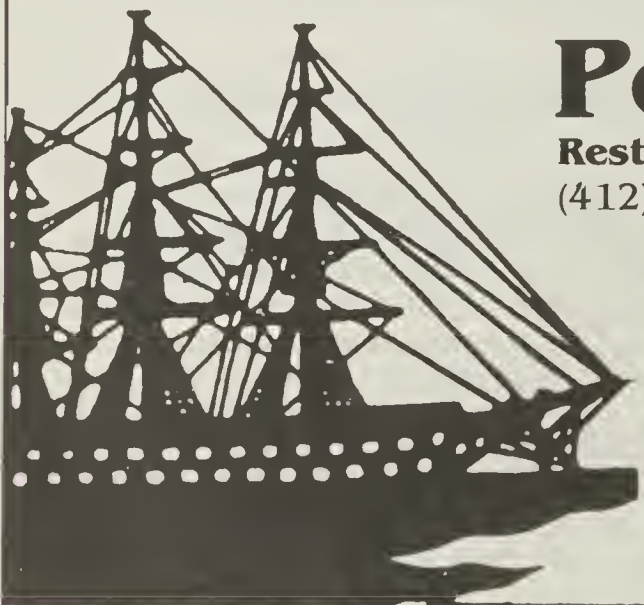
Exemptions. The *per se* categories hold some promise of simplifying the anti-trust case: once a *per se* violation is shown there is no need for further examination of the practice in the context of the particular industry. The defendant has another, better means of shortening the case. The defendant can show that one of the exemptions to the anti-trust law applies. If the defendant can do so, then the case is over.

The exemptions are as follows:

The Parker or State Action Exemption. The Parker doctrine holds that the anti-trust laws were not intended to and therefore do not apply to the actions of state government.⁸ The state may therefore set the price of a commodity, say milk, while a combination of grocery stores cannot. Parker also provides immunity to individuals acting in accordance with state law if the challenged practice is clearly articulated and affirmatively expressed as state policy and the practice is actively supervised by the state.⁹

The Noerr-Pennington Exemption. Closely related to the Parker exemption is the Noerr-Pennington exemption. Noerr-Pennington is based on the First Amendment right to petition government. Under Noerr-Pennington, a combination may petition government to enact legislation requiring practices that if done by the combination itself would be an anti-trust violation.¹⁰ For example, retail grocery stores cannot combine and set the retail price of milk. They can combine to

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raise funds to support legislators, to lobby, and to demonstrate in favor of legislation setting the retail price of milk. This right to petition is not limited to petitioning the legislature but extends also to petitioning the executive branch and petitioning the judiciary through a lawsuit. Other free speech rights sometimes are involved in anti-trust cases.

Business of Insurance. In the McCarran-Ferguson Act,¹¹ Congress specifically exempted the business of insurance from the anti-trust laws under certain circumstances. The courts have narrowly construed the McCarran-Ferguson exemption by narrowly defining the business of insurance as "the spreading of risk, underwriting, and the interpretation of contracts between the insured and the insurer."¹² The business of insurance is not exempt when the challenged practice is a boycott or involves coercion or intimidation.¹³

Implied Repeal. The Sherman Anti-Trust Act establishes procompetitive principles to be applied to economic activity. Congress from time to time passes laws which regulate economic practices in a way which is basically anti-competitive. The Health Planning Act is an example. The ques-

tion then before the courts is whether these latter regulatory schemes were intended to repeal the earlier anti-trust laws. The courts have concluded that the anti-trust laws represent this country's basic economic policy. The courts therefore will find an implied repeal of the anti-trust laws only when there is a clear repugnancy between the anti-trust laws and regulatory provisions and then only to the extent necessary to make the regulatory scheme work and even then to the minimum extent necessary.¹⁴

Unions. Union activity is exempt from the anti-trust laws so long as the union activity is directed to wages and working conditions.¹⁵ To qualify as a union, the combination must be composed of employee/wage earners.¹⁶

In summary, the basic elements of a *prima facie* anti-trust action are: (1) a combination to commit (2) an act anti-competitive in the context of the particular industry. (A *per se* violation—price fixing, boycott, division of markets—is conclusively presumed to be

anti-competitive in the context of the particular industry); (3) to which no exemption—State Action, Noerr-Pennington, Business of Insurance, Implied Repeal, Or Union—applies.

In the next article, I will apply these principles to illustrative cases in the health care field.

1. Jones, K.B. *Anti-Trust Violations and Practicing Physicians*, *Pennsylvania Medicine* 7:17-18, 1981.
2. *Id.*
3. *Northern Pacific Ry. Co. v. United States*, 356 U.S. 1 (1958).
4. *See, United States v. Socony-Vacuum Oil Co., Inc.*, 310 U.S. 150 (1940).
5. *Id.*
6. *Robinson v. Magovern*, 456 F. Supp. 1000 (W.D. Pa. 1978); *But. cf. St. Paul Fire and Marine Ins. Co. v. Barry*, 438 U.S. 531, 542 ("the decisions reflect a marked lack of uniformity" in defining the necessary elements of a boycott within the purview of the Sherman Act; court declines to define the elements); *See generally: Bauer, Per Se Illegality of Concerted Refusals to Deal: A Rule Ripe for Reexamination*, 79 *Colum. L. Rev.* 685 (1979).
7. *United States v. Topco Associates*, 405 U.S. 596 (1972).
8. *Parker v. Brown*, 317 U.S. 341 (1943).
9. *California Retail Liquor Dealers Assoc. v. Midcal Aluminum, Inc.*, 445 U.S. 97 (1980).
10. *Eastern Railway Presidents Conference v. Noerr Motor Freight, Inc.*, 365 U.S. 127 (1961); *United Mine Workers v. Pennington*, 381 U.S. 657 (1965).
11. 15 U.S.C. §§1011-1015.
12. *Group Life and Health Ins. Co. v. Royal Drug Co.*, 440 U.S. 205 (1979).
13. 15 U.S.C. § 1013(b).
14. *United States v. Philadelphia Bank*, 374 U.S. 321 (1963); *Silver v. New York Stock Exchange, Inc.*, 373 U.S. 341 (1963).
15. 15 U.S.C. §17.
16. *Id.*

This is the second of three articles on the aspects of antitrust laws applicable to physicians. The author is staff attorney for the Pennsylvania Medical Society.

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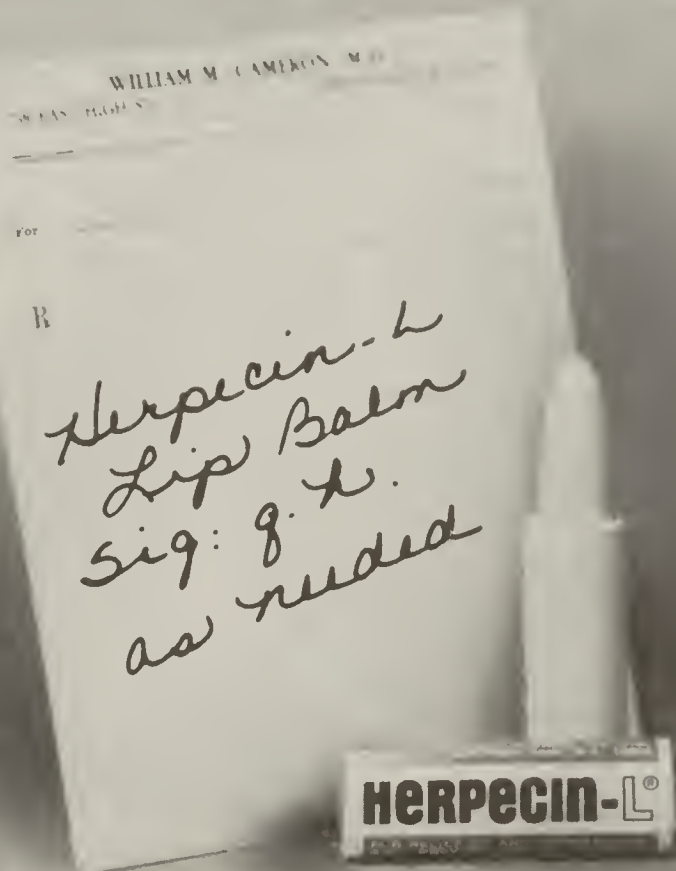


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Four issues predominate in Philadelphia CMS

Paul J. Poinsard, MD

Four topics concern me as the 120th president of the Philadelphia County Medical Society: governmental intervention, the image of the doctor, relationships between medical staff, hospital administration, and board of trustees, and the importance of volunteer faculty and staff.

Governmental intervention

Despite the inroads of governmental control on the practice of medicine, our members have a unique opportunity to contribute to and to shape the policies and directions of major regulatory bodies such as the Professional Standards Review Organization (PSRO) and the Health Systems Agency (HSA). Recent efforts to have them abolished have not been and are unlikely to be successful.

But there are many deficiencies that demand correction in both bodies, HSA and PSRO. We have only to look at the Swedish, English, and Canadian health delivery systems to witness the pitfalls in the quality of patient care and the erosion of the professional position of the physician. In these systems, it is argued that physicians negotiated in good faith, but were eventually overrun by the power of government. Constant vigilance in maintaining standards of care for our patients and our survival as the primary providers of health care is essential.

Our goal is to be included from the start in the authorship of policy and legislative matters pertaining to health. We cannot wait to be presented with legislative acts and government regulations, hoping to blend and modify them giving them a utility compatible with existing high standards. Too often the door is closed and it is too late. Too often, medicine finds itself in an adversarial position at the negotiating table instead of a cooperative working relationship. Twenty-five percent of all bills before our legislature relate to health care.

Physician's image

The vital issue of the image of the doctor absorbed the attention of our Society until the malpractice insur-

ance crisis consumed all attention. The doctor no longer enjoys the "mystique" that automatically surrounded our predecessors in the not too distant past. Historians may refer to this epic as one of anti-professionalism, an epic in which the foundation of authority symbols and institutions are being eroded.

Memberships in religious groups and professional organizations are decreasing. As part of the egalitarian movement, library shelves are bending under the weight of "do it yourself books" providing an unstated declaration that we all have equal skills if we will only lend ourselves to the task. The thrust may be that we will all be leveled to a standard of mediocrity. Critical evaluation of these paperbacks is required to determine which of these contributions represent effective treatment or valid spiritual propositions and which represent psychopathology.

The witch doctor in primitive cultures commanded a high place on the totem pole directly below that of the king or the chief because he presumably knew more and possessed magical powers. In medieval society, fear infiltrated the aura, and the possibility of bleeding to death while being cured created a distance between the patient and the doctor. In modern times, professionalism with trust and respect gained ascendancy.

In our present society, however, it is unpopular to be a member of an affluent group. A recent study of the average person's expectation of his doctor was that he would be exhausted from caring for his patients, that he would be poor, and that he would be completely self-sacrificing and always available to tend the sick. The modern, scientifically trained physician may be much better equipped to deal with the task, but often an attitude of clinical detachment is inappropriate to a profession dedicated to humanism. A further deflowering of the image occurs with the possibility of a machine being able to replace the physician by punching out symptoms, suggesting diagnoses, and then treatment.

The capacity for flexibility in face of

social and cultural attitudes is essential to avoid irreversible ego injuries, bitterness, and despair. Despite some incidents of negative attitudes from society, the physician is still held in high regard in many circles, particularly when people are sick. As for health planning, the American people should not be viewed "as a statistical mass to be divided into socioeconomic units."

What then is the answer? To continue to be bound together with the highest purposes, namely to cure or ameliorate the mental and physical impairment where possible, and always with demonstrated understanding, compassion, and knowledge of available tools.

Working with hospitals

In addition to patient care and research, working relationships between hospital administration and medical staff are basic to success in both endeavors. Issues such as patient care policies, financing, long term planning, and staffing are vital matters requiring attention.

Hospital administration and governing boards occasionally seek to assume the authority and responsibility that belong to hospital medical staffs. Regulations and guidelines to preserve indisputable rights, thereby avoiding entangling conflicts, have been promulgated by such bodies as AMA, AHA, PMS, JCAH, and other concerned nongovernmental groups. Medical staff bylaws if properly and thoughtfully written also prevent such infringements.

Medical staff representation on the hospital governing body is recommended to provide the necessary consultation and liaison. Who is primarily responsible for the care and treatment of patients, the physicians or the hospitals? For the future, the question becomes even more basic. Will the patient in a few years hence look to the physicians or the hospitals for treatment of his illness?

One of the major factors that could drive the doctor into federal hands is the escalating cost of hospital beds. It is essential that we work together

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with administration to determine reductions in the scope and direction of this upsurge, an effort spearheaded by Pennsylvania Voluntary Effort (PAVE). The hospital is the marketplace of the physician; without him, it could not exist in its present form.

One of my first duties as president of CMS will be to organize a council of presidents of medical staffs of the 37 hospitals in our area. Already, more than 50 percent have indicated interest.

Presidents of hospital staffs, as they relate to administration, boards of trustees, local regulatory agencies such as PSRO, HSA, and state and federal agencies, third party insurance carriers, and utilization reviewers, have continual, ongoing problems that could be shared profitably and

discussed in an organization of presidents of hospitals under the auspice of the Philadelphia County Medical Society. Such an organization would provide a forum of inestimable value to discuss issues of mutual concern and to formulate position statements and recommendations where applicable.

Volunteer faculty

The importance of the volunteer faculty and staff cannot be undermined. Aside from truly professional reasons, there are financial reasons why hospitals must espouse the volunteer faculty. Even if many hospitals

This article was excerpted from the address delivered by Dr. Poinsard at the time of his installation as president of the Philadelphia County Medical Society.

wanted a full-time staff, they could not afford one. Experiments with an all full-time faculty and staff in some instances have decimated teaching potential, emptied hospitals, and devastated treasuries.

Every modern center must have a certain number of equally dedicated full-time teachers, researchers, and administrators. The ratios may shift between university hospitals associated with medical schools and community hospitals, as may other governing and policy factors where costs, staffing, and the nature of patient populations differ. Volunteer staffs, working closely together with deans, department heads, curriculum committees, and administration are in a position to appreciably reduce the costs of medical education and hospital care.

Chester CMS in fifth year of medical staff involvement

In the March 1981 issue of PENNSYLVANIA MEDICINE, it was reported that Paul J. Poinsard, MD, president of Philadelphia County Medical Society, had proposed a medical staff presidents council.

The Chester County Medical Society, which was the first county medical society formed in our state in 1828, has been doing this for almost five years. Although only five hospitals are involved, we have found that it provides an excellent forum for discussion and allows us all to move in a more cohesive manner.

The dinner meetings are held in conjunction with the officers of the Chester County Medical Society four or five times a year and have been of great interest and value. In addition to this, for the last five or six years, the society's board has had a hospital representative as an ex officio member. This also assists in dialogue between the hospitals.

Obviously, the complexion and purpose of county medical societies have changed in the past 30 years. We in Chester County feel that our society continues to serve a purpose of tying together the hospital physicians as well as continuing

to keep the physicians of Chester County informed as to the legislative processes which are ongoing.

Our programs tend to be nonacademic and are more aimed at socioeconomic and political problems. We also have an annual medical-legal dinner meeting which is an outgrowth of a joint luncheon meeting of ten physicians and ten members of the Chester County Bar. This has aided greatly in attorney-physician understanding and relationships.

We hope that in future issues of PENNSYLVANIA MEDICINE, county medical societies will offer more articles so that we can become more aware of problems of mutual concern.

Recently we have suggested to the State Society that it follow this lead and have a meeting of all of the county medical society presidents, at least yearly. It seems that this would be an excellent addition to the annual PMS Officers' Conference

Nelson Page Aspen, MD
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Chronic pain: a learning theories approach

Maurice Prout, PhD,
A.B.P.P.(CL)

Chronic, intractable, benign pain is defined here as a syndrome. It has as its general characteristic an ongoing experience of pain that cannot be shown to be causally related in the present with any active patho-anatomic or pathophysiologic process. In addition, it almost always has an antecedent history of generally ineffective medical-surgical interventions for the pain problem, and concomitant moderate to severe disturbance in psychosocial functioning.

Phenomenological events which frequently accompany and define the syndrome include:

- drug dependency or abuse;
- multiple pharmacologic and surgical interventions;
- increased psychosocial withdrawal;
- deterioration in interpersonal relations;
- increase in anxiety or dysphoria;
- progressive feelings of helplessness and hopelessness;
- decreased self-esteem; and
- progressive demoralization, dependency, and regressive behaviors.

Three components of chronic pain must be defined to describe a learning theories model.

Gate control theory

The gate control theory of pain provides a physiological as well as cognitive rationale for the sensation of pain.¹ This theory originally proposed three spinal cord systems by which nerve impulses were transmitted:

1. the substantia gelatinosa, which functions as a modulator for the af-

ferent nerve patterns before they influence the T cells;

2. the dorsal column system whose afferent nerve patterns act, at least in part, as a central control mechanism activating specific brain processes which then modulate properties of the gate control system by way of descending nerve fibers; and

3. the T cells which activate the neural mechanisms that are in turn responsible for activating pain perception and response.

Pain phenomena are suggested to be determined by the interaction among these three systems. A recent evaluation of this theory led to adding a sensory-discriminative system and a motivational-affective system, both of which interact with the central control mechanism of the brain. The interaction of these three systems projects back to influence the gate control system and also to the motor system determining pain behaviors.¹

This brief description of the gate control theory of pain illustrates the

necessity of a model of pain mechanisms which includes the influence of cognitive, or higher central nervous system mechanisms, which modulate the perception of, and reaction to, pain. Thus this model recognizes that psychological factors such as past learning experiences, attention, and emotion have a role in determining pain perception and response.

An example of the complexity of the pain experience is found in the common instance of a young child who, in the course of playing, receives a cut or injury. While playing, the child seems not to notice or focus on his pain. Later when he goes home and sees mother, he bursts into tears and is inconsolable over the wound that earlier he had so valiantly withstood.

This seemingly contradictory response can be interpreted in various ways. Assuming that cultural learning factors are operating, we may interpret the situation by saying that boys in our society are taught that it is inappropriate to cry, especially before peers who may ridicule and ostracize them. Alternatively, we may say that the child's attention was diverted during the game due to its high level of sensory input and hence he did not perceive pain until the level of sensory input decreased at the games' end. Finally, his tears may be the result of prior learning that mother will respond to his tears with comforting attention, while others may ignore or punish his display of vulnerability.

In terms of the gate control theory, the experience or threat of ridicule from peers or the demands of the game on the child's attention modify the

Dr. Prout is assistant professor and director of the behavioral therapy section in the mental health sciences department at Hahnemann Medical College & Hospital of Philadelphia. This is the third article in a series on office counseling for primary care physicians. The series is edited by Robert J. Nathan, MD, professor in the mental health sciences department at Hahnemann. The series is a project of the departments of psychiatry of the state's seven medical schools in cooperation with the Pennsylvania Psychiatric Society.

Directory corrections

The August issue of PENNSYLVANIA MEDICINE, the membership directory issue, should be corrected as follows:

Beaver County:

John T. Domjancic, MD, is a urologist (U).

Tulsides N. Ragoowansi, MD, practices internal medicine (IM).

Berks County:

George P. Desjardins, Sr., MD, is a pathologist (PTH).

Greene County:

Prayun Chayapruks, MD, practices internal medicine (IM).

Luzerne County:

C. Warren Koehl, Jr., MD, is a pathologist (PTH).

Montgomery County:

Jean K. DeVine, MD, who is listed under Northumberland County, is a member of the Montgomery County Society.

Philadelphia County:

F. Askar, MD, is a general surgeon (GS).

Theodore Kushner, MD, is a neurologist (N) whose offices are in the Wexford (not Wesford) Professional Center, Cherry Hill, NJ.

Melvin L. Moses, MD, is a general surgeon.

County Society Officers:

George J. Vukmer, MD, president of the Venango County Medical Society, has an incorrect telephone listing. The correct number is (814) 827-1851.

pain impulses by closing the gate and not allowing the pain to be experienced. Conversely, the opportunity for comforting attention opens the gate and allows the activated nerve impulses to be perceived as pain and also allows its concomitant behaviors e.g., crying. Melzack states that although pain is significant as a warning signal that something biologically harmful is occurring, it is not necessarily true that pain is always triggered after a physical injury, or that the intensity of the pain perceived is proportional to the amount and extent of damage.

Learning theory model

A learning theory model of pain focuses not upon physiologic mechanisms to explain the perception of pain, but rather views pain phenomena from a psychological perspective. There is evidence to support the model of pain as, at least partially, a learned behavior. This proposed model as described by Fordyce²⁻⁴ is based upon an operant conditioning framework.

In brief, this model suggests that behavior e.g., the expression of pain, is influenced to varying degrees by the environmental responses which follow it. Hence, if each time a patient demonstrates pain behaviors his family responds with care, concern, and sympathy, the patient may learn, in an insidious fashion, to repeat pain behavior when in the presence of the family. The family's response in essence reinforces the patients' pain behaviors. Additionally, if the patient responds to the family's solicitation with gratitude and an expression of easing of the pain, he reinforces the family's response to him. Thus, a mutually reinforcing system is created and continued, to the detriment of the patient.

Fordyce indicates three operant components necessary for acquiring chronic pain behaviors: direct reinforcement of pain behaviors; indirect but positive reinforcement of pain behavior by avoidance of aversive consequences; and extinction or punishment of "well" behavior.

Regarding the direct reinforcement of pain behavior, Fordyce proposes that childhood illnesses involving pain are instances in which learning is likely to occur. It is suggested that in childhood illness, there is a reciprocal relationship between the parent and child — the child's distress is eased by the parent's interventions, and alleviating the child's distress in turn reinforces the parent's care-taking behavior. This relationship is enhanced by the attention, nurturance, and discouragement of activity that occur while the child is ill. The child's behavioral repertoire eventually will include many pain behaviors, if positive reinforcement from parents consistently and specifically responds to pain behaviors such as crying, grimacing and moaning.

Another example of direct reinforcement of pain behavior occurs in the process of modeling or imitative behavior. Apley found that many children suffering from frequent recurrent pain came from what he refers to as a "painful family."⁵⁻⁶ The painful family is one in which some family member is always suffering.

Modeling, as a method of learning is determined by the observer watching the consequences which follow the models' behavior. This learning also is referred to as vicarious or imitative learning and clearly influences the behavior of the observer.⁷

Once the behavior is adopted, the consequence of the imitative behavior will determine the continued practice of that behavior. Thus, in the painful families that Apley observed, it is likely that the children observed parents who were receiving positive reinforcement for the pain behaviors, who then, in turn, received reinforcement from the parents for their own pain behaviors.

The second component of indirect positive reinforcement of pain behavior refers to avoidance conditioning. In essence, demonstrating pain behaviors allows the patient to avoid or remove himself from a difficult or stressful situation. The situation may consist for example of difficult interpersonal conditions at work or home which the patient finds noxious and would rather avoid.

Consider the patient who has had a serious back injury for several years

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but who has adjusted to the discomfort and mild physical limitations imposed by this condition. Suppose he changes jobs and now is in a stressful work situation. He then sprains his back. The relief prescribed, rest including a stay at home for the first day or two, may have far reaching effects.

For instance, the following morning, independent of the actual discomfort experienced from the back strain and anticipating the work stress, this person may readily accept suggestions from his wife to take an extra day or two to recuperate. The successful avoidance of an anxiety producing or stressful situation at work will reinforce any behavior which facilitated the avoidance i.e., pain behavior.

The third component of extinction or punishment of "well" behavior, refers to the patient's performing fewer "healthy" behaviors because of the family or support systems. They treat the patient as completely helpless i.e., not allowing any adaptive behavior.

Thus, it is conceivable that the invalid's role for the chronic pain patient is reinforced. Any attempt at independent behavior is reprimanded.

Consider the patient who attempts to paint a room. In response to the patient's behavior, family member or friends may step in immediately and control the task, thus rendering the patient incapable of independent functioning. Or rather than do the task for the patient, the support system simply may not provide approval after the patient has completed such "well" behavior.

Regardless of whether pain behaviors are positively reinforced and "well" behaviors are extinguished or punished, the result may be the same; the patient begins to plummet into demoralization and he perceives his pain as more intense.

Diagnosis

Pain is a subjective experience that has as its determinants various physi-

cal and psychological events, but it is not entirely an internal event. Pain is identified by behavioral signs.

The diagnosis of pain poses difficult problems due to the various physical and psychological factors that are involved in the subjective experience of pain. It may be useful to distinguish between the various aspects of pain experience as sensory versus affective, or organic versus functional, however, this creates an unnecessary dualism.⁸ A more useful suggestion is to simply identify the source of pain as peripheral, central, or unknown origin.

The distinction between acute and chronic pain is important. Acute pain (e.g., cut, sprain, fracture) is often the result of specific and readily identifiable tissue damage. A professional usually is consulted, intervention is made, and the pain is relieved and does not persist beyond the expected period of recuperation.

Chronic pain typically begins with

an acute episode. Professional advice, prolonged evaluation, and treatment strategies usually do not result in alleviating the pain. Indeed the pain problem can be exacerbated by multiple surgeries or extended narcotic prescriptions, as in the case of chronic low back pain.

Another variable which differentiates acute from chronic pain is related to the type of anxiety experienced. Acute pain episodes generally are associated with an increasing amount of anxiety as the pain intensity increases, followed by reduced anxiety when the proper diagnosis is made and treatment begins. Reduced anxiety generally decreases the pain sensation.

The affective experience of the chronic pain patient is quite different. The initial anxiety associated with the pain experience persists and eventually may lead to feelings of helplessness and despair as pain persists despite the health systems' attempt to alleviate it. Without relief, the patient suffering from chronic pain begins to feel fatigued by constant pain and too little sleep which result in a feeling of dysphoria. In addition, the patient feels hopeless and frustrated because he cannot see an end to his suffering.

As this continues, the patient becomes more frustrated and angry at the health care system or his family, since no one can "cure" his pain. By this time, it usually is suggested to the patient that the pain may not be "real," and psychotherapy may be indicated. To the person perceiving almost constant daily pain, this suggestion is not anxiety reducing. Finally, Sternbach distinguishes between acute and chronic pain in terms of length of time: acute pain refers to a time variable of four to six months duration or less; and chronic pain ranges in duration from four to six months or more.⁹

Treatment implications

When pain becomes chronic, one of the inevitable consequences is the opportunity for learning or conditioning. In essence, it is possible for sequences of illness-related behaviors and their consequences to occur repeatedly. Inevitable, chronic pain becomes a family affair since various members will contribute, knowingly or unknow-

ingly, to maintaining the patient's pain behavior. Hence any treatment approach must involve both the family and the patient.

According to Fordyce, a detailed behavioral analysis of chronic pain is required. Basically this involves a thorough investigation of *when* pain behaviors occur, type of pain behaviors, intensity of pain, and *where* they occur, and finally under what *circumstances* and with *whom*. These data can be obtained by having the patient or family keep a daily pain diary.

Given that chronic pain to varying degrees is learned, it is imperative to know the *who*, and *how* of pain behaviors i.e., what are the consequences for pain, who provides them, and how are they delivered. These data are used to assess the direct reinforcement for pain behaviors, and the extinction or punishment of "well" or "healthy" behaviors. Identifying data related to situations which *activate* pain and *relieve* pain also is necessary.

All this information eventually is sifted to relate to the following areas:

1. an increase in physical activity i.e., up-time behavior. Active intervention encourages the family and other social supports to positively reinforce the patient whenever he attempts activity or physical exercise. This is always done on a gradual basis with the patient working to "tolerance" as opposed to "pain," before he rests. Resting after pain only reinforces pain behaviors. It is usually helpful to have the patient or the family describe the activities that the patient previously enjoyed, and to assess the probability of designing a structure that would allow access to this pleasure and improve the quality of his life.

2. the abuse of medication. Frequently chronic pain patients are addicted to medication, and as a result are constantly increasing their tolerance and flirting with toxicity. Medications are taken on a PRN basis, defined by the patient as the first perception of pain.

A "pain cocktail" helps wean the patient from addiction. Initially, a baseline level of all pain medications is taken on a daily basis. These then become ingredients in a "cocktail" which uses a taste-masking vehicle

e.g., cherry syrup. The cocktail is taken on a fixed, 24-hour schedule regardless of whether the patient feels he requires it. In this manner, medication becomes timed instead of pain contingent. Also, this masking allows for decreasing the active ingredients over the course of treatment.

3. reinforcement of avoidance behavior. Pain behaviors may serve as socially sanctioned means for avoiding painful situations. Treatment gains soon disappear if the problem underlying avoidance learning is ignored or overlooked. The wage earner whose pain buys time out from repeated job failures or anxiety needs job skills assistance or therapy. The housewife whose pain behaviors keep her otherwise neglectful husband more attentive has a pain problem that earns time out from loneliness or neglect. In such a case marital therapy might be appropriate. The impotent husband or the frigid wife may find that pain avoids the embarrassment of intercourse. Sexual therapy perhaps would be indicated in these circumstances.

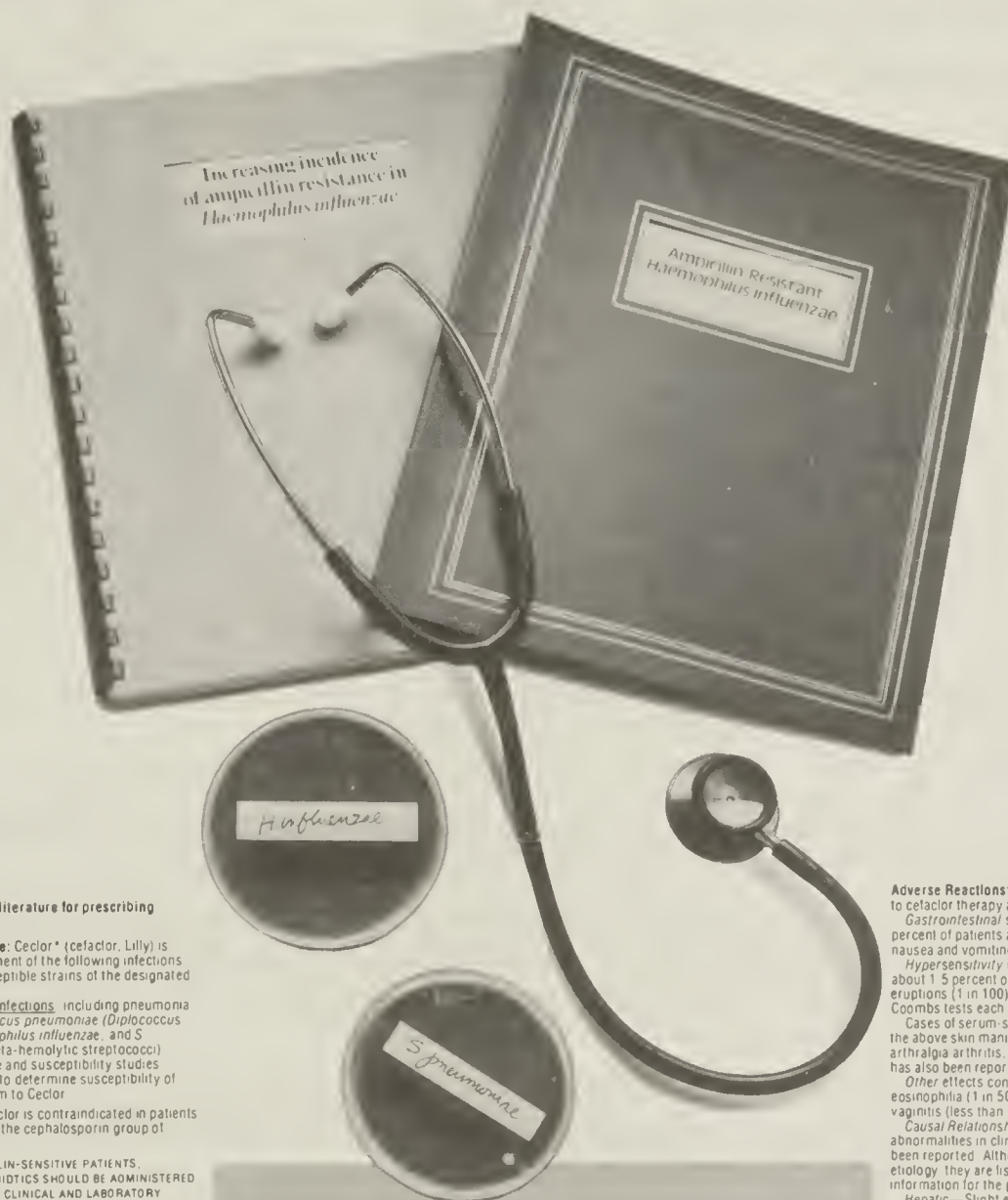
Conclusion

In summary, chronic pain presents an opportunity for operant conditioning learning. To assist the chronic pain patient, the clinician must proceed with a thorough behavioral analysis in an attempt to define the reinforcers for pain, reinforcers for avoidance, and punishment for "well" behaviors. Finally, pain is a family affair and the family must be intimately involved in treatment. □

REFERENCES

1. Melzack, R., Wall, P.D.: Pain mechanisms: a new theory, *Science* 150:971-979, 1965.
2. Fordyce, W.E., et al.: Operant conditioning in the treatment of chronic pain. *Archives of Physical Medicine and Rehabilitation* 54:399-408, 1973.
3. Fordyce, W.E., et al.: Case histories and shorter communications: an application of behavior modification techniques to a problem of chronic pain. M. Weisenberg (Ed.), *Pain: clinical and experimental perspectives*. St. Louis: The C.V. Mosby Co., 1975.
4. Fordyce, W.E.: *Behavioral methods for chronic pain and illness*. St. Louis: The C.V. Mosby Co., 1976.
5. Apley, J.: *The child with abdominal pains* (2nd ed.). Oxford: Blackwell Scientific Publications, 1975.
6. Apley, J.: Pain in childhood. *Journal of Psychosomatic Research* 20:383-389, 1976.
7. Bandura, A.: Behavioral modification through modeling procedures. L. Krasner & L.P. Ullman (Eds.), *Research in behavior modification*. New York: Rinehart and Winston, 1965.
8. Liebeskind, J.C., Paul, L.A.: Psychological and physiological mechanisms of pain. *Annual Review of Psychology* 28:41-60, 1977.
9. Sternbach, R.A.: Psychophysiology of pain. *International Journal of Psychiatry in Medicine* 6:63-73, 1975.

An added complication... in the treatment of bacterial bronchitis*



Brief Summary

Consult the package literature for prescribing information.

Indications and Usage: Cefclor* (cefclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Lower respiratory infections: including pneumonia caused by *Streptococcus pneumoniae* (*Diplococcus pneumoniae*), *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci). Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

Contraindication: Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: IN PENICILLIN-SENSITIVE PATIENTS. CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS. AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

Precautions: If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g., pressor amines, antihistamines, or corticosteroids. Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

As a result of administration of Cefclor, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clinistix* tablets but not with Tes-Tape* (Glucose Enzymatic Test Strip, USP, Lilly).

Usage in Pregnancy: Although no teratogenic or antifertility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy: Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.⁷

Cefclor®

cefclor

Pulvules*, 250 and 500 mg

Adverse Reactions: Adverse effects considered related to cefclor therapy are uncommon and are listed below. Gastrointestinal symptoms occur in about 2.5 percent of patients and include diarrhea (1 in 70) and nausea and vomiting (1 in 90).

Hypersensitivity reactions have been reported in about 1.5 percent of patients and include morbilliform eruptions (1 in 100), Pruritus, urticaria, and positive Coombs tests each occur in less than 1 in 200 patients.

Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain: Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic: Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic: Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal: Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200).

*Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefclor* (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother. 8:91, 1975.
2. Antimicrob. Agents Chemother. 11:470, 1977.
3. Antimicrob. Agents Chemother. 13:584, 1978.
4. Antimicrob. Agents Chemother. 12:490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), II, 880. Washington: D.C. American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother. 13:861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.



Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285. Eli Lilly Industries, Inc., Carolina, Puerto Rico 00630.

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practice management

How to recruit a physician for your practice

Leif C. Beck, LL.B., CPBC

Geoffrey T. Anders, JD, CPA

A senior physician preparing for retirement may find that adding a younger colleague to his practice is essential to his personal planning. The solo practitioner should consider recruiting a potential partner to assume his practice and essentially to buy him out. The senior member of a group, and his partners as well, may recognize that impending retirement requires attracting a qualified replacement at the partner level.

Solo practitioners and members of small groups only occasionally in their lifetimes recruit and hire physicians to join them in practice. Larger groups and multi-specialty clinics take on new doctors more often, but even for them each effort is somewhat unique.

Selecting a physician to become your partner ranks among the most important decisions you will make during your practice lifetime. The costs of an unfortunate choice, whether it fails because of clinical shortcomings or personality concerns, will be almost beyond measure. Unsatisfactory patient care may be perceived by the senior doctor(s); patient relations may be damaged; referring doctors may become dissatisfied; the emotional strain of a poor peer relationship may take its toll on the senior(s); or the dollar cost of supporting a highly paid physician-employee may damage the practice's economics to name a few.

A good choice adds a new and highly qualified member to the practice and provides increasingly fine care to its patients and the community. Existing workloads and time demands may be reduced by sharing the practice bur-

dens without fear of poor results. Inter-doctor relations may be fostered by adding a peer with whom to consult easily. Another highly skilled member may increase, or at least help maintain, the practice's per-doctor income base. Given all these advantages, the hiring doctor(s) should feel confident that the new member will serve their personal well-being.

With so much to lose and also so much to gain, we wonder why senior physicians haphazardly conduct their new-member searches. To some extent, the reason is simply a doctor's preoccupation with his medical practice; he is too busy to give the project careful attention. Many doctors, however, just are not sure how to proceed. This article will provide some guidance.

Starting early

An early decision to expand or replace improves the chances of recruiting success. We suggest that the actual recruiting process begin in the late winter or early spring of the year *before* a planned hiring (about one and a half years before it) to be the best. In other words, recruiting at training programs should concentrate on the second-year residents and newly appointed two-year fellows.

Contacting young physicians more than a year before they are available gives a senior doctor a healthy lead. In

the fall of a young doctor's final training year, the recruiting season is heaviest and as a result, efforts starting even in October or November may be too late to catch the most outstanding candidates.

A practice should strive to be ahead of its competitors for those few "superstars." Hence it should avoid having its recruiting effort crowded out by contemporaneous, competing inquiries and interviews.

Some doctors decide to expand or replace within only a few months of the anticipated July 1 starting date. They will be served best by addressing their efforts to second and third year residents (and equivalent fellows). Although they may be fortunate in locating an ideal candidate for July 1, the odds will be against them. Too many good physicians already will have been signed up. Those late-starting doctors' best alternatives may be to develop the best doctor choice for the following July 1.

Our timing recommendation assumes recruitment from residency and fellowship training programs, for they are the most common source of new physician-members. Other sources include the military services, from which resignation dates vary throughout the year, and various group, clinic, and Public Health Service employments. Off-schedule recruitment may locate highly desirable applicants from these sources sooner than anticipated, but a practice cannot depend on it.

Our timing emphasis is based on one philosophy: A doctor should insist on continuing his efforts until the ideal

The authors are the principal consultants of Management Consulting for Professionals, Inc., Bala Cynwyd.

candidate is hired. Thus, it is best to start early with built-in time for critical selection.

Getting the word out

The recruiting process should start with a deliberate effort to attract the greatest number of qualified applicants. No one can tell where that one best person will come from, so a large pool of choices will increase the likelihood of success.

Physicians tend to dislike this advice despite its inherent logic. They protest that they are too busy to sift through countless resumes and endure dozens of interviews. Instead they choose to contact just a few training program chiefs and hope for a lucky find. The subject, however, is too important for less than maximum effort. The time problem should be solved by structuring all succeeding steps as efficiently as possible.

Three main sources can be used to develop a pool of applicants. All three should be considered.

1. *Physician search organizations.* Some companies specialize in recruiting physicians. These companies are commonly used by large clinics, HMOs, and industrial employers, but only rarely do they work for solo and small group practices. A search organization typically is paid on a commission basis. Usually the fee is a percentage of the agreed first-year salary.

Few, if any, search organizations are geared to selecting someone for the close fit required in small practice situations. The hefty commission and private practitioners' beliefs that they can select as well or better on their own (with which we usually agree) typically lead away from this approach.

2. *Journal advertising.* Major journals of each specialty or subspecialty carry want ads placed by practitioners and clinics seeking physician-employees. The number of ads carried each month, combined with a corresponding fear that most of the inquiries will be underqualified, tends to weaken enthusiasm for this approach. Yet we consider journal advertising to be a worthwhile, cost-efficient part of the overall effort.

Receiving too many responses from an ad is far better than not encountering any interested, qualified ap-

plicants. Many of the respondents will not fit a practice's requirements of quality training and performance. The senior doctor simply should undertake to screen each response critically before proceeding further. Even if just one or a few of the respondents become potentially excellent candidates, journal want ads should be used.

Journal ads should be drafted with some flair. Too many of them tend to suppress response by their uniformity in style and language. We recommend oversized ads with text attempting to convey a positive image of the practice involved. The difference in cost between a standard half-inch want ad and a two-inch bordered ad is so slight in relation to the subject's importance that any economy would be false.

The ad may thus contain a bold heading, extra blank space above and below the first and last lines, and a centered title to attract readers' attention. Its text should describe the practice's attractive characteristics and any specific qualifications required of applicants. It should, in effect, be a tool to "sell" your practice enough to entice qualified doctors to inquire further.

Many inquiries can result from a single ad, and hence the text should request a cover letter and a curriculum vitae. The practice should not be identified. A box number provided by the journal should be used. This approach enables critical culling of all responses before deciding who should be considered further.

Even if one month's ad in one journal produces a number of responses, the best policy is to advertise in several journals for a number of months. The time and dollar costs are small compared with the possibility that a later or different ad will be seen by the best choice for partner.

3. *Training programs.* Direct contact to chiefs of residency and fellowship training programs is usually the most successful way to find well-qualified practice partners. Unfortunately, however, many hiring doctors take less than full advantage of the source.

A letter describing your need for a qualified young doctor should be prepared and sent to the chief of every well-regarded training program. The effort should not be limited to a hand-

ful of programs within the practice's geographic region — where a young doctor trains bears no consistent relation with where he may choose to settle.

If the hiring doctor knows the training program chief even casually, an introductory telephone call should precede the letter. The chief may name a favorite resident or fellow in that conversation, and then the hiring doctor can contact that individual directly.

The department chief probably will have the letter posted on a bulletin board in the residents' lounge or educational office. When this happens, the letter competes with many other letters and notices seeking the young doctors' attention, so it must be drafted carefully as a selling tool.

We advise preparing a letter which briefly describes what qualifications are being sought and why the opportunity is a superior one. It should call attention to an attached memo containing a more detailed description. The memo should fully describe the practice and its physician-member(s), the hospital(s) involved, and the medical climate of the community. Describing the community itself as a place to live, raise children, and enjoy recreational and cultural features is equally important.

The memo should plainly show its purpose of interesting the best young doctors. It should aim to convince them that there is a particularly good practice opportunity which deserves to be pursued. The residents reading the memo should thus be invited to respond by letter, enclosing a CV for the hiring practitioner's initial screening review.

Initial screening of responses

Since a practicing physician will have limited time, the supply of respondents must be critically culled. Many of the blind ad responses will be inappropriate and can be marked for the "no" file. Letters personally addressed to rejected doctors who had answered the training program solicitation, out of courtesy, should briefly state that the qualifications are off-line.

The initially interesting responses may be held for a few weeks or a month. Each of them should be graded

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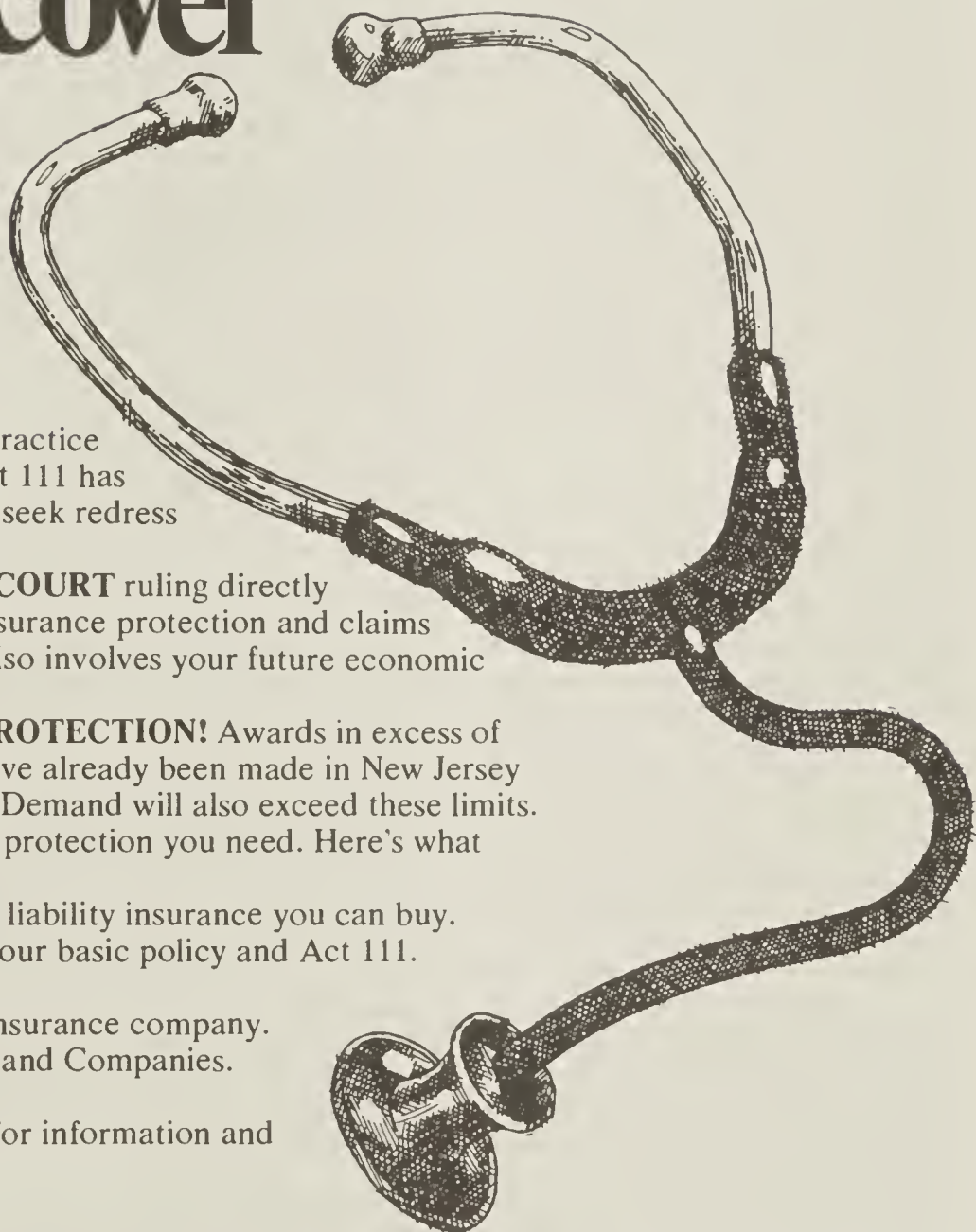
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on a scale of one to ten and ranked in order until enough applicants' CVs have been reviewed. Then when the next step is taken, the most favorable inquiries will receive first attention. Of course, any response which appears on its face to present an ideal candidate can be pursued immediately.

Responding by telephone

When ready to proceed, the hiring doctor should telephone his top-ranked applicants, discuss the practice more fully, and determine the young doctor's level of interest. Conversations about the clinical aspects of the specialty and general nonmedical interests are equally valuable in assessing both parties' aims.

The hiring doctor should make notes of his impressions during the conversation, using the margins of the cover letter or the CV. The observations should include personality features, training, or clinical concerns, and any gut reactions.

The telephone discussion need not result in an invitation to visit the practice. There may still be applicants who deserve follow up, and the hiring physician must avoid being trapped into too many time-consuming personal interviews. Each applicant can be told that the phone call is a preliminary contact and that other respondents are still to be telephoned. A promise of either an invitation to proceed further or a brief letter stating otherwise within perhaps a month would be courteous upon ending the call.

Checking references

There is no sense in consuming valuable doctor time to interview possible candidates who later may be rejected for easily discernible reasons. Accordingly, a senior doctor first should check references on any applicant who appears attractive on paper and by telephone.

A reference check will be most successful directly in person but telephone calls usually will suffice. Relying on letters is least effective.

The chief of the young doctor's present training program must be contacted. We also recommend telephoning other physicians the candidate has named as being involved in his training. Chiefs and other medical super-

visors at prior training programs and work experiences should be contacted, too. To the objection that so many phone calls will take too much time, we answer, consider how much time will be wasted in interviewing the wrong candidate.

A written outline of the questions to be asked is necessary. Concerns over clinical experience and competence are obvious but other concerns deserve equal attention. Ask, for example, how nurses, clerks and receptionists have responded to the young doctor. Someone with an overbearing attitude toward subordinates may become a difficult partner. Similarly, demeanor with patients is important to the private practitioner. Whether the chief or other supervisor has heard of any complaints in these personal aspects of training or practice should be questioned too.

Here are a few questions to ask along with the described line of inquiry: Were assigned projects performed on time? Were there any personality conflicts with peers? with any of the seniors? Were any leadership qualities demonstrated and, if so, how? Was the doctor punctual? Was there any indication that family or personal matters might interfere with work performance? What are the doctor's best characteristics? What are the doctor's weaknesses?

Making careful notes of each reference person's responses including impressions of the feeling and enthusiasm in the responses is important. Such notes, if not made on the applicant's CV or cover letter, should be attached to his other materials for handy evaluation. The supply of material should preclude an intelligent decision as to which individuals should be invited to the office.

First interviewing

Those selected few physicians, no more than five as a "first round," should be invited to meet with the doctor at the office. Assuming the applicants are within a few hundred miles of the office, each first interview might be planned to last no more than two hours on a weekday evening. If the doctor must travel far, this first session still should be brief. A full afternoon may be given out of courtesy with a tour of the hospital and community

helping extend the day; nevertheless it should not be made into a heavy undertaking at this preliminary stage.

This time should serve as a business interview — a first, get-acquainted opportunity to determine jointly whether more serious discussion should follow.

We believe too many senior doctors create overexaggerated first interviews. The sessions are day-long social and business gatherings from which commitments to practice together tend to develop without critical evaluation. Luxurious dinners or evening with spouses in seniors' homes just are not conducive to early "feeling out" efforts.

The senior doctor should be extremely critical during these preliminary interviews. The practitioner should take notes of his impressions again using the young doctor's resume page or perhaps a separate sheet for his observations. Particular attention should be given to impressions of the candidate's capacity to interrelate with people and to communicate well, and overall personality. More than just indications of clinical or academic ability are needed. The reason for this emphasis is simply that practice relationships fail more often because of interpersonal difficulties than professional deficiencies.

The initial interview can be brought to an end on schedule by the senior doctor simply thanking the visitor for coming to talk. It should be made clear that other young doctors are similarly being interviewed, after which a few people will be invited back for extensive discussion. In any event, an interviewed physician must be given the courtesy of some follow up within a promised period of two to four weeks.

Second meeting

The process should identify one person or a few individuals who may be ideal candidates for a long-term practice relationship. If not, we are relatively unenthusiastic about pursuing lower rated candidates; doctor-level selection is too important for quality compromise. It may be better to forego second interviews and resume the search for new possibilities, even if it means a longer wait.

A selected doctor should be invited

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o spend at least a full day and evening with the senior doctor or group. Each physician-member of a group practice may talk with the candidate, and the lead or solo doctor should plan on devoting many hours of attention. In addition to conversations about all matters affecting a future relationship, the senior doctor can take the candidate for a tour of the hospital(s) served and of the community.

A few hours might be arranged during which the young doctor can work with the senior. A candidate thus can learn better what the practice is like and the senior can observe the candidate's performance under regular practice demands. Concerns over malpractice insurance, hospital rules, or patient acceptance should not be allowed to interfere with this part of the day.

We prefer structuring these other discussions in a business setting, with the senior at his desk in the office. The long-term commitment being considered is a business and professional one, and much more than a social friendship, so the talk should reflect that future. Dinner, perhaps with

spouses, may be a good interlude but it should be just that, an interlude, since meaningful talk is rare in that situation.

Non-practice aspects of life will be important to a young physician. The candidate should be given some free time to learn about the community. If the doctor's spouse joined in the visit, the senior's spouse may host a tour of the area but we prefer to downplay spousal involvement.

The business discussions should focus on professional plans for the practice, its present and projected future finances, and the young doctor's personal goals and concerns. We encourage complete candor including even a showing of the practice's financial reports. This is consistent with the senior's intention to seek the young doctor as a peer.

An outline of what are considered reasonable first-year employment terms and ongoing partnership details should be presented, though it should be framed as preliminary. This in-depth interview day is still just another step in each side's selection process. Even if only one young doctor is

being considered, it should appear that no decision has been made and that other candidates may be in the picture.

Final negotiations

After this extensive involvement, each party should have a good idea whether practicing together indeed may be desirable. The senior doctor or group should review critically all the materials and personal impressions of each remaining candidate and decide who should be invited for further discussions. If the selected young doctor, or perhaps several doctors who are highly desired, remains interested, then there should be more specific discussions.

The routine at this stage will change from one of selection to one of courtship — promoting your practice as an ideal partner and working out the details of that desired relationship. This process of careful recruiting and selecting, should assure that the young physician who receives final attention will have greater potential to become an excellent partner both professionally and personally. □

Dr. Appel, leader in medicine, dies at 74

Robert L. Lamb

James Z. Appel, MD, of Lancaster, former chairman of the PMS Board of Trustees and president of the American Medical Association (1965), died August 31, 1981 at age 74. A medical statesman of world renown, he could have practiced medicine exclusively as a surgeon following his seven-year surgical preceptorship. Instead he chose to practice as Dr. Jim Appel, surgeon and general practitioner. He said general practice infused him with a feeling of "devotion and humanism," letting him and his patients "get to know one another as persons."

Jim always seemed to draw strength from his Lancaster roots. After graduating from Franklin and Marshall College, he attended the University of Pennsylvania School of Medicine, receiving his MD degree in 1932. He interned at Robert Packer Hospital in Sayre, and then returned to the house where he was born on Duke Street to practice medicine with his father, Theodore B. Appel, MD.

Lancaster remained his home for life, but his interests led to many years of service to organized medicine which encompassed the state, the nation, and beyond.

In Lancaster he became president of the Lancaster City and County Medical Society in 1955 and in 1956 began a term as president of the medical staff at Lancaster General Hospital. He began ten years of service on the PMS Board of Trustees in 1958, during which he was chairman of the Finance Committee and later chairman of the Board.

Concurrently Jim began a 12 year stint as a member of the Pennsylvania Delegation to the AMA. His work in the delegation and on the floor of the House led to his election to the Board of Trustees of the AMA, where he became vice chairman, and eventually to the presidency of the AMA in 1965. He was also the AMA representative to the JCAH and served as its chairman for a time.

Former PMS executive director Les-



ter Perry recalls, "While Jim Appel had characteristics common to many leaders—ability, personal attraction, devotion to the cause, and humility—he also had four special qualities which marked his leadership style. He did his homework, he got to the root of the problem, he recognized his limitations, and he did what he thought was right."

No one fought harder to stop the King-Anderson bill from being enacted into law, but Jim Appel knew when the battle had been lost and as he prepared his acceptance speech to the AMA House of Delegates in the summer of 1965, he determined to set the tone for the post-Medicare era. Although emotions ran high that day and sweet reason lay close to sacrifice, Jim told his colleagues that their opposition to medicare could not include such unethical acts as "boycott, strike or sabotage." He said physicians should concentrate on containing medicare and making it less objec-

tionable.

Later he undertook a special mission to survey health needs in Vietnam, at the request of President Lyndon Johnson. He also traveled widely for the World Health Organization.

Along with economic issues, education was a second theme which ran throughout Jim Appel's professional life. He was the first and only chairman of the Pennsylvania Medical Society Educational and Scientific Trust, the student loan arm of the Society, serving 26 years.

Alex Stewart, recently retired executive director of the Trust, recalls, "Jim Appel was a unique, unassuming physician who accepted responsibilities not only to his patients and his native city of Lancaster, but also to his profession. He always did his homework and had the intellectual capacity to grasp the whole picture. He was a true leader whose memory will be cherished by those of us who knew him well."

Was it perhaps his strict self-discipline that manifested itself in active participation in the Pennsylvania National Guard? He became commanding officer of the 103rd Medical Battalion, retiring in 1949 as a lieutenant colonel.

Dr. Jim Appel never avoided controversial subjects. Years before it was fashionable, he warned doctors not to exploit medicare by "sudden raising of fees." He spoke out against excessive testing and urged the profession to be concerned about water and air pollution.

Charles Heisterkamp, III, MD, president of the Lancaster County Medical Society, said, "Dr. Appel had a special ability of bringing together people of diverse thoughts on problems in medicine and getting them to come together in a common purpose. He was respected by his colleagues locally and nationally. To say he will be missed is an understatement."

He is survived by his wife Florence, a son, and four daughters.

The author is director of communications for the Pennsylvania Medical Society

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Advances in Surgical Pathology (5th Annual Course), October 12-14, 1981 (Monday-Wednesday). Fee: \$300 (or \$125/day); Resident's Fee: \$150 (or \$60/day), includes syllabus and luncheons. 21 Credit Hours. Directors: Cecilia Fenoglio, M.D. and Luciano Ozzello, M.D.

Immunodiagnosis of Allergic, Rheumatic and Infectious Diseases, October 15 & 16, 1981 (Thursday & Friday) at the New York Academy of Medicine. Fee: \$200; Resident's Fee: \$100, includes syllabus and luncheons. 15 Credit Hours. Directors: Michael H. Grieco, M.D. and Stanley R. Fine, M.D.

Renal Biopsy in Medical Diseases of the Kidney, October 19-23, 1981 (Monday-Friday). Fee: \$495; Resident's Fee: \$245, includes syllabus, Kodachrome slides, electronmicrographs of "classic" renal lesions, luncheons and continental breakfasts. Director: Conrad Pirani, M.D.

21st Annual Review Course in Obstetrics and Gynecology, October 26-30, 1981 (Monday-Friday). Fee: \$450; Resident's Fee: \$225, includes syllabus and luncheons. 35 Credit Hours; 35 Cognates (A.C.O.G.); 35 Elective Hours (A.A.F.P.). Director: Raymond L. Vande Wiele, M.D.

Workshop on Thyroid Disease: 6th Annual Workshop of the American Thyroid Association, November 5 & 6, 1981 (Thursday & Friday) at the New York Academy of Medicine. Fee: \$250, includes syllabus, luncheons and reception. 16 Credit Hours; (A.A.F.P. credits pending). Directors: C.R. Feind and members of the A.T.A. Education Committee.

Recent Advances in Dementia, November 19 & 20, 1981 (Thursday & Friday). Fee: \$220; Resident's Fee: \$110; Ph.D.'s Fee: \$125. 14 Credit Hours. Directors: Richard Mayeux, M.D. and Wilma Rosen, Ph.D.

Principles and Techniques for the Use of External Fixation, November 21, 1981 (Saturday). Fee: \$100, includes course-related materials, workshop specimens, and luncheon. 8.5 Credit Hours. Director: S. Ashby Grantham, M.D.

Symposium on Nutrition and Drugs, December 3 & 4, 1981 (Wednesday & Thursday) at the New York Statler Hotel. Fee: \$98, includes luncheon. 11 Credit Hours; 11 Elective Hours (A.A.F.P.); 11 Hours (American Dietetic Association). Director: Myron Winick, M.D.

Continuing Education Program for Ophthalmologists, 1981-1982, Five Saturdays: (A) Dec 5, 1981: *Intraocular Lenses*; (B) Jan 9, 1982: *Lids and Lacrimal Glands*; (C) Feb 6, 1982: *Lasers in Ophthalmology*; (D) March 6, 1982: *Instruments in Ocular Surgery*; (E) April 3, 1982: *Strabismus*. Fee: \$100/session; Resident's Fee: \$30/session, includes luncheons. 7 Credit Hours each Session. Director: R. Linsy Farris, M.D.

Postgraduate Review Course in Urological Pathology and Diagnostic Radiology, January 13-17, 1982 (Wednesday-Sunday). Fee: \$450, includes continental breakfasts, luncheons and pathology and radiology Kodachrome slides. 40 Credit Hours. Director: Myron Tannenbaum, M.D., Ph.D.

in my opinion

Rising health care costs:

Health care costs have been rising for as long as most of us can remember. But so has everything else, especially in these recent years of hyperinflation. We live in an incredibly complex society; answers to most of the problems that face us are not simple and where there are no answers, it is extremely difficult to propose solutions—but that doesn't stop people from trying.

In practice the average American consumer doesn't pay his health care costs. Because of the inequities of the American tax system, an increase in pay of \$1.00 only gives an average of 65¢ take home pay, but an increase of \$1.00 in health care benefits is tax free and highly preferable! This has been one of the factors in the escalation of health care costs. If the government wants to control this factor, a simple solution is to make health care benefit dollars taxable! But is it politically acceptable? Ask your favorite politician the answer to that one!

In the health care field a number of suggestions have been proposed to control health care costs.

One of these is national health insurance. A look at the Veterans Administration shows that with inflation being what it is, this country just cannot afford a national health insurance system. Rather than control costs, it would probably escalate them.

A second solution is eliminating medical insurance and third party payors. As things now stand, patients are insulated from cost. If one of our patients enters the hospital and has complete coverage, that patient doesn't care whether it costs \$30 a day for a room, or \$300, or even \$3,000. Eliminating medical insurance is just about equivalent to eliminating motherhood, and just about as likely, so this is no solution at all.

A third solution has been a piecemeal attack on the problem. Carter's attempt to place a "cap" on hospital costs with a labor pass-through is a typical example. The Voluntary Effort (VE) was another such attempt devised as an answer to the Carter "cap" approach. Second opinion programs are yet another attempt, but recent studies indicate that this attempt actually may be backfiring.

A fourth approach recently was suggested but is still in the pilot program stage. This might be called the "Reward System." A specified sum of money is available for the purchases of insurance. If an insured has had no need for health care attention during the current fiscal year, he receives either a percentage or the entire sum on deposit at the end of the year! This provides a tangible motivation for using health care services prudently.

A fifth approach is an alternative to the fee for service system. The Health Maintenance Organization (HMO) is the major alternative in this approach. There are eight different types of HMOs, all of which try to make price important both to consumers and to providers (hospitals and health care personnel). Although it appears that the Reagan administration won't subsidize HMOs as in the

HMOs and the physician

past, it will look with favor on their continued growth.

The type of HMO that chiefly concerns us is the Individual Practice Association (IPA). Until recently this type presented problems because Pennsylvania law required control by consumers. In this past year, however, the state legislature passed an act making possible the formation of a physician or provider controlled HMO. The Pennsylvania Medical Care Foundation, which has been reviewing HMO activity, provides an ideal mechanism for a statewide HMO which individual IPAs in each county could join. Under such circumstances physicians would be able to offer an alternative to the consumer controlled HMOs that are starting to compete with Pennsylvania physicians in some areas of the state.

The proponents of HMOs maintain that the best way to respond to rising health care costs is to give the consumer a choice between *large*, competing health care providers. The key requirement is size—an HMO must have a minimum of 30,000 subscribers just to break even. Among competing HMOs, the theory is that some will be low cost and others will be higher cost. The latter would market elaborate, more complete coverage at a higher premium. Theoretically these would make the consumer more cost conscious. By the same token, also in theory, physicians and hospitals wishing to survive would have to control costs, thereby, supposedly, solving the national problem of soaring medical expenses.

At this point, the crystal ball grows a trifle cloudy, but one thing is certain; HMOs are here to stay and will be a factor to be reckoned with.

Robert S. Pressman, M.D.
First District Trustee

After dark at the hospital

Working at night in a hospital is an experience common and yet uncommon to all of us. I thought about it around 2:30 the other night while I was waiting for the blood sugar report to be returned on a patient.

Beginning about 5:00 pm, the changes become noticeable. Supper has been served, the trays and dietary department are gone. Lab and x-ray have token crews on and the evening cadre of emergency room patients begins to filter in. These are people who were not quite sick enough to leave work, but are afraid they will get worse during the night.

Also now the visitors who have been jamming up in the lobby assault the elevators at the minute visiting hours begin. Often they earn the dislike which most hospital personnel have for them, ignoring the "two visitors to a bed" signs. They sit on the beds, light up cigarettes, pipes, and cigars, and frequently ignore the request of the paging

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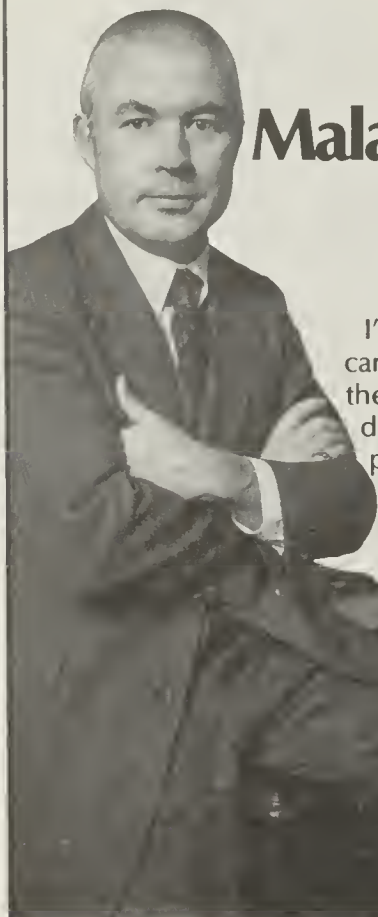
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system when it reports that visiting hours are over.

Now the hospital quiets down, bright lights are dimmed and patients are made comfortable for the night. By the time the night supervisor has had her report and begins her rounds, the atmosphere of the whole hospital has changed. It is almost as if the dust settles.

During the day, the hospital resembles a small city — noisy confusion as patients come and go to have this or that x-ray or test done. To surgery and back; rounds, mealtimes, and the maintenance man fixing the ice machine again. Meetings with administration, visits by the pharmacy, mail person, and flower shop delivery boys. But by now, everything seems serene. Nurses and aides speak quietly and carry flashlights, so as not to have to turn on the lights and awaken other patients.

It almost seems that there are two distinct hospitals — the day facility and the night institution. Even the smell is different. I used to think that night nurses were more compassionate than the day ones. Thinking about it, though, the reason they seem to be able to do more for each patient is that they do not have to deal with all that day-time hassle: meals, rounds, x-rays, special procedures, medications, and so forth. They *do* have more time for patients.

And they have more time for me! If I need a certain piece of equipment, and the nurse on duty does not know where it is, the night supervisor invariably does. The lab and x-ray tests that you need to have done stat are done quickly and efficiently since you talk to the technician on call yourself and tell him exactly what you are looking for.

There are places in the hospital where everything is not quiet at night. The nursery, emergency room, and intensive care units can become hectic very quickly, but by and large a sense of quiet prevails. It has always seemed to me that once I was wide awake, my mind worked more clearly then. Since it is possible to sit down and think through the history and examination, some of my most astute diagnoses have been made late at night, or sometime during the night.

Often working up a patient during the day is interrupted by the phone, or the nurse seeking my signature on a verbal order. Sitting there, the other night, I heard the wind scraping itself raw on the outside brick walls. And the sky — looking out through the window — to the ethereal bands of night sky sentinels.

Once more I take my oldest and best friend — the questioning "Y" of the stethoscope and slip the earpieces in to be immediately immersed in the lub dub sounds, as before. Now I listen to each part of the amazingly complex hydro-mechanical pump cycle. It is so quiet here that every nuance is audible. "Yes," I say to myself, "I did hear a click, it was not the stethoscope or my ears." The small pulse and basal ejection murmur, along with a history of syncope when my patient got up to walk to the bathroom, gave the diagnosis.

Now there was nothing more to do but put down orders for the echocardiogram in the morning and go home. The cold night air smells good and I know it won't be easy to go to sleep. That means more fatigue tomorrow, but just now I feel great!

J. Mostyn Davis, MD
Fourth District Trustee

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Can nicotine help smokers quit? — This is an article you should have your smoking patients read. Free copy. Chex Co., Dept. P 1760 N. Howard St., Philadelphia, PA 19122.

CAUTION: Methyltestosterone is 17 β -Hydroxy-methylandro-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **CAUTIONS:** In the male: 1. Eunuchoidism and hypogonadism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgenic deficiency. 4. Post-puberal cryptorchidism. Evidence of hypogonadism. Cholestatic hepatitis jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal disease. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. **In the male:** Eunuchoidism and hypogonadism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahoglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

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physicians in the news

Robert C. Mackowiak, MD, of Chestnut Hill, has been named associate dean of affiliated programs in continuing medical education at the Jefferson Medical College of the Thomas Jefferson University. Dr. Mackowiak will retain his teaching appointments at Jefferson, and will continue to serve as an attending physician at Thomas Jefferson University Hospital.

Ernest A. Spiegel, MD, was recently invited to address a meeting of the World Society for Stereotactic and Functional Neurosurgery, held in Zurich, Switzerland. The address was presented via transatlantic telephone. Dr. Spiegel is an emeritus professor of neurology and chairman of the Department of Experimental Neurology at Temple University Medical School.

David B. Dunkle, MD, has joined Hershey Chocolate Company as plant medical director. Before joining Hershey, Dr. Dunkle was in general practice in Feasterville.

Sidney I. Altman, MD, recently was elected president of the Association for Mental Health Affiliation with Israel. Dr. Altman is a child psychiatrist in Elkins Park.

Governor Dick Thornburgh has appointed **David Joyner, MD**, orthopaedic surgeon at Hershey Medical Center, to the Governor's Council on Physical Fitness. Dr. Joyner is a former Penn State end and a long distance runner.



Presidents of the Pennsylvania Allergy Association recently were recognized for their service at the Associations' 33rd annual meeting at Hotel Hershey. They are (l to r), Stanley Ushinski, MD; George Green, MD; Paul Dowdell, MD, president elect; Charles Blumstein, MD, president; Joseph Trautlein, MD; Philip Fireman, MD; and D. Lee Miller, MD. Other officers elected are Stephen Murphy, MD, secretary; and Wilma Light, MD, treasurer.

Clayton C. Barclay, MD, was recently elected president of the Pennsylvania Oncological Society. Dr. Barclay has had a long association with the Wainwright Tumor Clinic, and is a former member of the Cancer Commission of the Pennsylvania Medical Society. **George P. Rosemond, MD**, was named president elect. Dr. Rosemond is a past president of PMS. **John L. Flannigan, Jr., MD**, was elected secretary, and **John F. Kennard, MD**, became the new treasurer.

Walter K. Peters, MD, has been promoted to plant medical director of the Bethlehem plant of the Bethlehem Steel Corporation. Dr. Peters joined the Bethlehem plant's medical division as a physician in 1974, and was promoted to assistant plant medical director in May 1978.

Emil W. Olson, MD, a former North Wales family physician, recently received the Pennsylvania Medical Society's fifty year award from Society President Leroy A. Gehris, MD.

Consolidation Coal Company recently appointed **Warfield Garson, MD**, to the post of medical director of legislative and regulatory health affairs. Dr. Garson had previously been the medical director for Consol.

Donald Bowes, MD, director of cardiac surgery at Geisinger Medical Center, was elected president of the American Heart Association, North-central Pennsylvania Chapter, Inc.

J. Preston Hoyle, MD, has been named director of student medical service at Bucknell University. Dr. Hoyle has been an associate physician on the Bucknell staff since 1962, and maintains a private practice in pediatrics in Lewisburg.

The Pittsburgh Obstetrical and Gynecological Society recently nominated the following officers: **Robert P. Gannon, MD**, president; **Donald M. Mrvos, MD**, vice president; **John Moraca, MD**, secretary; and **Robert Ford, MD**, treasurer.

Nevin Seitz, MD, was recently honored for 50 years of outstanding community service and dedication to medicine. Abbott Laboratories presented him with an engraved Golden Hour Clock to mark the occasion.

Charles C. Bookert, MD, has been selected by the National Medical Association as the recipient of its Distinguished Service Award. Dr. Bookert, a member of the staff of the McKeesport Hospital since he began the practice of medicine 34 years ago, has been recognized as a leader in the field of medicine at the national level.

Harold M. Book, MD, recently received the Pennsylvania Medical Society's 50 year award from Dr. Leroy A. Gehris, PMS president.

David R. Brill, MD, chief of nuclear medicine at Geisinger Medical Center, has been re-elected as secretary of the Pittsburgh Chapter of the Society of Nuclear Medicine. Dr. Brill has also been reappointed as chairman of the committee on nuclear radiology of the Pennsylvania Radiological Society.

John E. Romig, MD, received a 50-Year testimonial plaque from the Pennsylvania and Dauphin County Medical Societies. The award was presented to Dr. Romig "in recognition of 50 years of medical service faithfully performed in the tradition ideals of the medical profession."

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Allentown, Pennsylvania

Clinical Indications for Hyperbaric Medicine in the General Hospital

November 11, 1981

Approved for 7.5 A.M.A. Category I credit hours.

*Applied for 7.5 A.O.A. Category 2D credit hours

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Opening Introduction/Ralph E. Stolz, DO/Director of Hyperbaric Medicine/Allentown Osteopathic Hospital.

MonoPlace/Multiplace Hyperbaric Medicine/George B. Hart, MD/Baromedical Department/Memorial Hospital Medical Center/Long Beach, California/ and Col. Dean Heimbach, MD, PhD/Director of Hyperbaric Medicine/USAF School of Aerospace Medicine/Brooks AFB, Texas.

Carbon Monoxide Poisoning and Smoke Inhalation/Eric P. Kindwall, MD/Director of Hyperbaric Medicine/St. Luke's Hospital/Milwaukee, Wisconsin.

Nursing Implications for Hyperbaric Medicine/Gerry Biehl, RN/St. Luke's Hospital/Milwaukee, Wisconsin.

Nursing Care of the Acute and Critically Ill Patient in a Monoplace Hyperbaric Oxygen Chamber/Diana De Jesus-Greenburg, RN/Supervisor, Hyperbaric Medicine/Memorial Hospital Medical Center/Long Beach, California.

Osteoradionecrosis/Elgene Mainour, DDS/University of Mississippi.

Oxygen Toxicity/Christian Lambertson, MD/Director/Institute of Environmental Medicine/University of Pennsylvania Medical Center; and James Clark, MD/Assistant Director/Institute of Environmental Medicine/University of Pennsylvania Medical Center.

Controversial Issues/George Hart, MD/Baromedical Department/Memorial Hospital Medical Center/Long Beach, California.

Physiology of Wound Healing/Col. Dean Heimbach, MD, PhD/Director of Hyperbaric Medicine/USAF School of Aerospace Medicine/Brooks AFB, Texas.

Osteomyelitis and Non-Union Problems/Rod Lee, MD/Hyperbaric Medicine/San Antonio, Texas.

Burns/George Hart, MD/Baromedical Department/Memorial Hospital Medical Center.

Diving Accidents/Eric P. Kindwall, MD/Director of Hyperbaric Medicine/St. Luke's Hospital/Milwaukee, Wisconsin.

Panel Discussion: Current State of the Art/Panel consists of all speakers listed above.

This one day conference is designed to serve as an update of current concepts and accepted uses of hyperbaric oxygen therapy.

For additional information, contact Dr. Richard K. Snyder, Director of Medical Education, Allentown Osteopathic Hospital, 1736 Hamilton Street, Allentown, Pennsylvania, 18104; (215) 439-4000, extension 371.

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Jerome B. Goldstine, MD, Obstetrics/Gynecology, 204 E. Chester Pike #204, Ridley Park, 19078

Stephen J. Henry, MD, Internal Medicine, 1230 Burmont Rd., Drexel Hill, 19026

Mildred H. LaFontaine, MD, Neurology, Delaware Co. Med. Ctr., Broomall, 19008

Kil J. Rhee, MD, Obstetrics/Gynecology, Chestnut & Glendale Sts., Upper Darby, 19082

Steven Schrenzel, MD, Anesthesiology, 151 Bishop Ave., Apt. E-17, Secane, 19018

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obituaries

• *Indicates PMS membership*

• **James Z. Appel**, Lancaster, University of Pennsylvania School of Medicine, 1932, age 74, died August 31, 1981. Dr. Appel, a surgeon and general practitioner, served as president of the Lancaster County Medical Society, and later as a trustee of PMS and the AMA, and as chairman of the PMS Board of Trustees. Dr. Appel was elected president of the AMA in 1965. He served on the Boards of Directors of Pennsylvania Blue Shield and of the National Blue Shield Commission. Dr. Appel practiced medicine until shortly before his death.

• **Harold Porter Belknap**, York, Jefferson Medical College, 1926, age 81, died August 10, 1981. Dr. Belknap had practiced surgery in York since 1929.

• **Harry Boas**, Pittsburgh, St. Louis University School of Medicine, 1938, age 69, died July 28, 1981.

• **Charles M. Boucek**, Pittsburgh, University of Pittsburgh School of Medicine, 1928, age 78, died August 6, 1981. Dr. Boucek was a senior staff member of St. John's General Hospital.

• **August V. Casillo**, Pittsburgh, University of Pittsburgh School of Medicine, 1929, age 79, died August 21, 1981. Dr. Casillo was a staff physician at the Veterans Administration Leech Farm Hospital.

• **James S. Davis**, Pittsburgh, University of Pittsburgh School of Medicine, 1952, age 56, died August 4, 1981. Dr. Davis was the chief of the senior staff of the Department of Neurosurgery at St. Francis General Hospital, and was a senior staff member of the Department of Neurosurgery at West Penn Hospital.

• **Joseph W. Delozier**, Hanover, Temple University School of Medicine, 1945, age 59, died July 26, 1981. Dr. Delozier was the chief of radiology at Hanover General Hospital.

• **John S. Donaldson, Jr.**, Pittsburgh, Harvard Medical College, 1931, age 76, died August 6, 1981. Dr. Donaldson achieved recognition for his skills as an orthopedic surgeon, having been chief of Orthopedics at Children's and Presbyterian University Hospitals. His contributions to organized medicine include service as chairman of the Board of Directors of the Allegheny County Medical Society and chairman of the PMS Board of Trustees, membership on the Advisory Committee to the Executive Vice President, and participation as a delegate to the AMA.

• **Ralph F. Garofalo**, Brownsville, St. Louis University School of Medicine, 1935, age 75, died August 17, 1981. Dr. Garofalo was the president of the medical staff of Brownsville Hospital.

• **Victor F. Grieco**, Williamsport, Hahnemann Medical College, 1943, age 64, died July 26, 1981. Dr. Grieco was on the staff of both Divine Providence Hospital and Williamsport Hospital.

• **Lee R. Lerman**, York, Hahnemann Medical College, 1935, age

74, died August 21, 1981. Dr. Lerman was in private dermatology practice.

• **John E. Maketa**, Fairless Hills, Temple University School of Medicine, 1961, age 47, died August 16, 1981. Dr. Maketa, a general practitioner, founded the Fairless Hills Medical Center.

• **Joseph C. Marhefka**, Easton, Temple University School of Medicine, 1948, age 56, died July 26, 1981. Dr. Marhefka was the head of the otolaryngology department at Easton Hospital.

• **Marlyn W. Miller**, Altoona, University of Pittsburgh School of Medicine, 1934, age 74, died August 13, 1981. Dr. Miller served as the chief of the radiology department at Altoona Hospital.

• **Rudolph J. Patrizio**, Muncy, Long Island Medical College, 1936, age 72, died July 25, 1981. Dr. Patrizio served on the staffs of Muncy Valley Hospital and Divine Providence Hospital. He had previously been named "Citizen of the Decade" by the Muncy Jaycees.

• **Robert L. Patterson**, Pittsburgh, Jefferson Medical College, 1935, age 71, died August 26, 1981. Dr. Patterson was the director of the department of anesthesiology at Allegheny General Hospital.

• **J. Harry Pickle**, Columbia, University of Pennsylvania School of Medicine, 1932, age 79, died July 29, 1981. Dr. Pickle was on the staff at Columbia Hospital, and had served as president of the Columbia Board of Health.

• **Dante Pigossi**, Bridgeville, University of Pennsylvania School of Medicine, 1923, age 89, died August 17, 1981. Dr. Pigossi served on the medical staffs of St. Francis General, St. Clair Memorial and Canonsburg General Hospitals.

• **Gerald M. Shannon**, Huntingdon Valley, Jefferson Medical College, 1949, age 57, died July 29, 1981. Dr. Shannon was the Director of Oculoplastic Service at Wills Eye Hospital.

• **John P. Shovlin**, Scranton, Jefferson Medical College, 1934, age 73, died July 27, 1981. Dr. Shovlin was the superintendent of Farview State Hospital.

• **Samuel J. Silberg**, Allentown, Jefferson Medical College, 1949, age 56, died August 4, 1981. Dr. Silberg was the chief of urology at the Allentown and Sacred Heart Hospital Center.

• **Raymond Wing**, Easton, Johns Hopkins University School of Medicine, 1927, age 84, died August 13, 1981. Dr. Wing served on the staffs of Easton and Warren Hospitals and Muhlenberg Medical Center.

Charles Graybill Jones, Richfield, Temple Medical College, 1938, age 67, died July 22, 1981.

George D. Zehner, Tannersville, Jefferson Medical School, 1928, age 78, died July 31, 1981.

Pennsylvania Medicine

Vol. 84, No. 11

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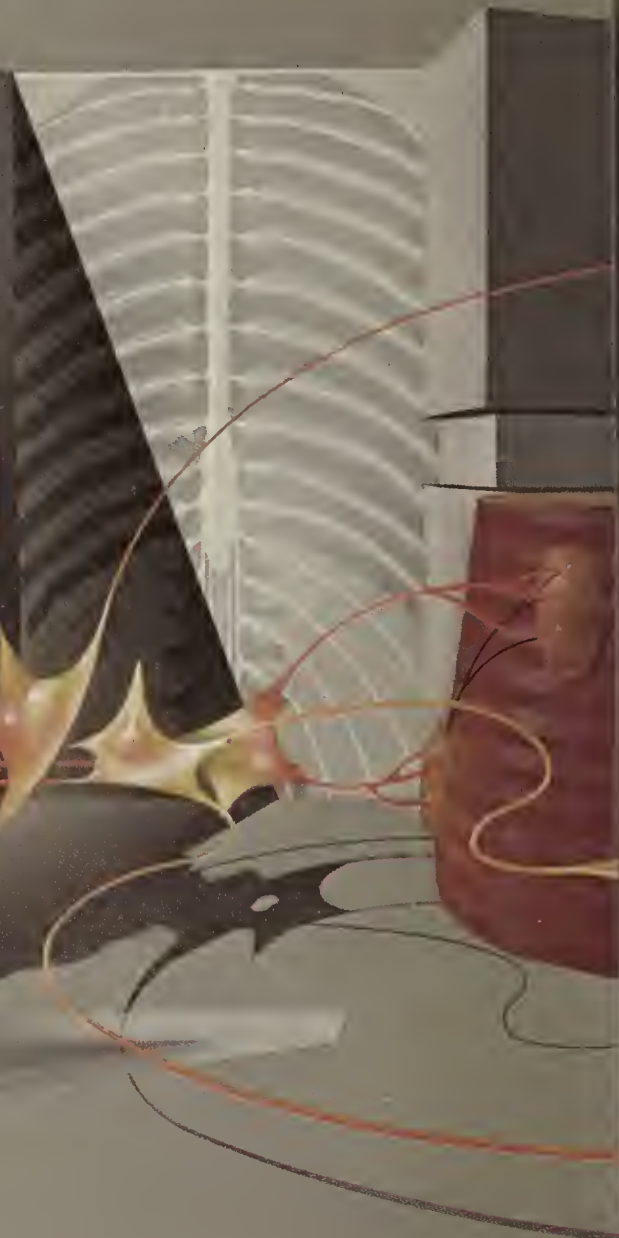
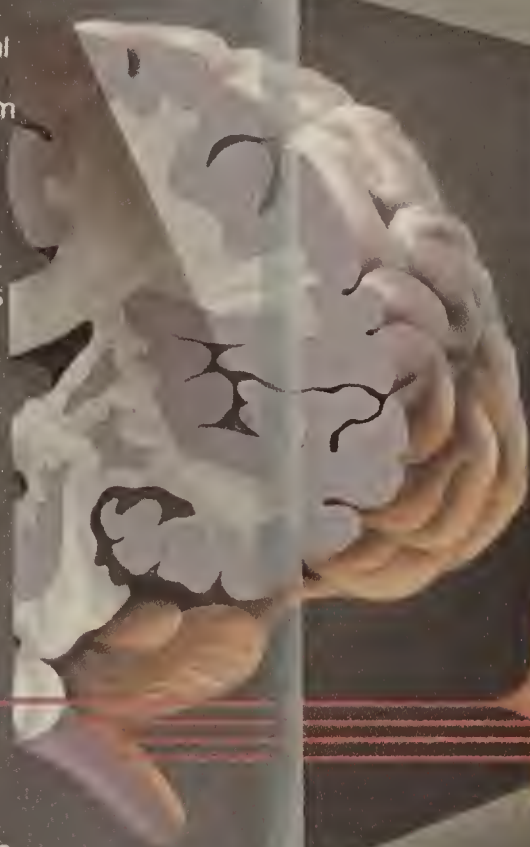
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SKELETAL MUSCLE SPASM

Actions associated with spasm

Normally, presynaptic inhibition of impulses to motoneurons prevents the continuous contraction of skeletal muscles. When this regulatory mechanism is overloaded, however, it cannot cope with the excessive number of impulses directed at the motoneurons and muscles go into spasm. This bombardment of impulses may come from the brain stem reticular formation or the spinal cord—or both. Whichever the source of the impulses, adjunctive Valium (diazepam/Roche) has demonstrated its ability to relieve the spasm-pain-spasm cycle. This has long been known. Now evidence is emerging that Valium may have skeletal muscle relaxant activity not only at the brain and spinal levels but possibly at a third site—the muscle itself.



Counteractions associated with Valium® (diazepam/Roche)

In the reticular formation

Animal experiments have shown a reduction in the rate of neuron firing in the brain stem reticular formation after administration of Valium.^{1,2} This system, therefore, may be a major site of Valium action.

In the spinal cord

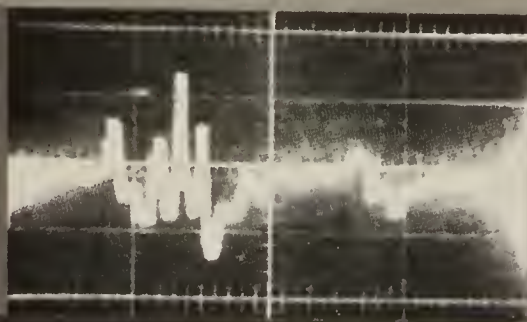
The ability of Valium to diminish skeletal muscle spasm may also be due to its action at the spinal level. Both animal and human experimental evidence indicates that Valium appears to improve the efficiency of presynaptic inhibition in the spinal cord.³⁻⁶

In the muscle itself

In both animal⁷ and human⁸ studies, Valium has been shown to have a direct effect on the muscle itself. Diazepam, administered to 15 spastic patients with neurological lesions, reduced the amplitude of the compound action potential of direct muscle response as well as the isometric twitch tension. From this, it was postulated that Valium may affect the contractile properties of muscle and possibly

References: 1. Przybyla AC, Wang SC. *J Pharmacol Exp Ther* 163:439-447, 1968. 2. Tseng TC, Wang SC. *J Pharmacol Exp Ther* 178:350-360, 1971. 3. Stratten WP, Barnes CD. *Neuropharmacology* 10:685-696, 1971. 4. Schmidt RF, Vogel ME, Zimmermann M. *Arch Exp Pathol Pharmacol* 258:69-82, 1967. 5. Murayama S, Uemura H, Suzuki T. *Jpn J Pharmacol* 22 (Suppl):79, 1972. 6. Verrier M, MacLeod S, Ashby P. *Can J Neurol Sci* 2:179-184, Aug 1975. 7. De Groof RC, Bianchi CP, Narayan S. *Eur J Pharmacol* 66:193-199, 1980. 8. Verner M, Ashby P, MacLeod S. *Am J Phys Med* 55:184-191, 1976. 9. Fowles EW, Strickland DA, Pearson GA. *Am J Phys Med* 44:9-19, 1965.

Electromyographic evidence of muscle spasm in a patient before administration of diazepam*



Electromyographic evidence of muscle spasm in a patient before administration of diazepam*

35 minutes after
I.M. diazepam
10 mg, muscles are
completely relaxed*



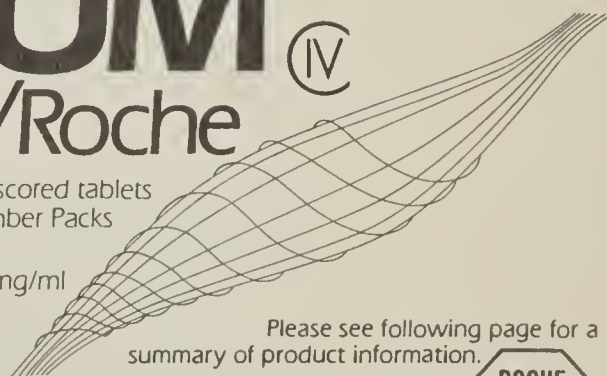
*Adapted from Fowlks EW, et al.⁹

he electrical properties of muscle membrane. Recent *in vitro* studies demonstrated that diazepam decreases tension in rapidly stimulated muscle and increases the rate of loss of calcium (needed for efficient coupling of action potential to muscle contraction) in the skeletal muscle of frogs.

While these studies imply three possible sites of Valium (diazepam/Roche) activity, conclusive proof of the sites of action of Valium will require further research.

Adjunctive **VALIUM**[®] diazepam/Roche[®] ^{IV}

2-mg, 5-mg, 10-mg scored tablets
Tel-E-Dose[®] Reverse-Number Packs
2-ml Tel-E-Ject[®] ready-to-use
disposable syringes } 5 mg/ml
2-ml ampuls, 10-ml vials }



Please see following page for a
summary of product information.



Adjunctive **VALIUM**® diazepam/Roche

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Management of anxiety disorders, or short-term relief of symptoms of anxiety. Anxiety or tension associated with the stress of everyday life usually does not require treatment with an anxiolytic. Symptomatic relief of acute agitation, tremor, impending or acute delirium tremens and hallucinosis due to acute alcohol withdrawal; adjunctively in relief of skeletal muscle spasm due to reflex spasm to local pathology; spasticity caused by upper motor neuron disorders; athetosis; stiff-man syndrome. *Oral form* may be used adjunctively in convulsive disorders, but not as sole therapy. *Injectable form* may also be used adjunctively in: status epilepticus, severe recurrent seizures; tetanus, anxiety, tension or acute stress reactions prior to endoscopic/surgical procedures; cardioversion. The effectiveness of Valium (diazepam/Roche) in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

Contraindications: Tablets in children under 6 months of age; known hypersensitivity; acute narrow angle glaucoma; may be used in patients with open angle glaucoma who are receiving appropriate therapy.

Warnings: As with most CNS-acting drugs, caution against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving). Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals (drug addicts or alcoholics) under careful surveillance because of predisposition to habituation/dependence.

Usage in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations, as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

ORAL: Advise patients against simultaneous ingestion of alcohol and other CNS depressants.

Not of value in treatment of psychotic patients; should not be employed in lieu of appropriate treatment. When using oral form adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increase in dosage of standard anticonvulsant medication, abrupt withdrawal in such cases may be associated with temporary increase in frequency and/or severity of seizures.

INJECTABLE: To reduce the possibility of venous thrombosis, phlebitis, local irritation, swelling, and, rarely, vascular impairment when used I.V.: inject slowly, taking at least one minute for each 5 mg (1 ml) given; do not use small veins, i.e., dorsum of hand or wrist; use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Administer with extreme care to elderly, very ill, those with limited pulmonary reserve because of possibility of apnea and/or cardiac arrest, concomitant use of barbiturates, alcohol or other CNS depressants increases depression with increased risk of apnea; have resuscitative facilities available. When used with narcotic analgesic eliminate or reduce narcotic dosage at least 1/3, administer in small increments. Should not be administered to patients in shock, coma, acute alcoholic intoxication with depression of vital signs. Has precipitated tonic status epilepticus in patients treated for petit mal status or petit mal variant status. Not recommended for OB use. Efficacy/safety not established in neonates (age 30 days or less); prolonged CNS depression observed. In children, give slowly (up to 0.25 mg/kg over 3 minutes) to avoid apnea or prolonged somnolence, can be repeated after 15 to 30 minutes. If no relief after third administration, appropriate adjunctive therapy is recommended.

Precautions: If combined with other psychotropics or anticonvulsants, carefully consider individual pharmacologic effects—particularly with known compounds which may potentiate action of Valium (diazepam/Roche), i.e., phenothiazines, narcotics, barbiturates, MAO inhibitors and antidepressants. Protective measures indicated in highly anxious patients with accompanying depression who may have suicidal tendencies. Observe usual precautions in impaired hepatic function, avoid accumulation in patients with compromised kidney function. Limit oral dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation (initially 2 to 2 1/2 mg once or twice daily, increasing gradually as needed or tolerated).

The clearance of Valium and certain other benzodiazepines can be delayed in association with Tagamet (cimetidine) administration. The clinical significance of this is unclear.

INJECTABLE: Although promptly controlled, seizures may return, re-administer if necessary; not recommended for long-term maintenance therapy. Laryngospasm/increased cough reflex are possible during peroral endoscopic procedures; use topical anesthetic, have necessary countermeasures

available. Hypotension or muscular weakness possible, particularly when used with narcotics, barbiturates or alcohol. Use lower doses (2 to 5 mg) in elderly/debilitated.

Adverse Reactions: Side effects most commonly reported were drowsiness, fatigue, ataxia. Infrequently encountered were confusion, constipation, depression, diplopia, dysarthria, headache, hypotension, incontinence, jaundice, changes in libido, nausea, changes in salivation, skin rash, slurred speech, tremor, urinary retention, vertigo, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances and stimulation have been reported, should these occur, discontinue drug.

Because of isolated reports of neutropenia and jaundice, periodic blood counts, liver function tests advisable during long-term therapy. Minor changes in EEG patterns, usually low-voltage fast activity, have been observed in patients during and after Valium (diazepam/Roche) therapy and are of no known significance.

INJECTABLE: Venous thrombosis/phlebitis at injection site, hypoactivity, syncope, bradycardia, cardiovascular collapse, nystagmus, urticaria, hiccups, neutropenia.

In peroral endoscopic procedures, coughing, depressed respiration, dyspnea, hyperventilation, laryngospasm/pain in throat or chest have been reported.

Dosage: Individualized for maximum beneficial effect.

ORAL—Adults: Anxiety disorders, relief of symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; acute alcohol withdrawal, 10 mg t.i.d. or q.i.d. in first 24 hours then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d., adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. *Geriatric or debilitated patients:* 2 to 2 1/2 mg 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) *Children:* 1 to 2 mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

INJECTABLE: Usual initial dose in older children and adults is 2 to 20 mg I.M. or I.V., depending on indication and severity. Larger doses may be required in some conditions (tetanus). In acute conditions injection may be repeated within 1 hour, although interval of 3 to 4 hours is usually satisfactory. Lower doses (usually 2 to 5 mg) with slow dosage increase for elderly or debilitated patients and when sedative drugs are added. (See Warnings and Adverse Reactions.)

For dosages in infants and children see below; have resuscitative facilities available.

I.M. use: by deep injection into the muscle.

I.V. use: inject slowly, take at least one minute for each 5 mg (1 ml) given. Do not use small veins, i.e., dorsum of hand or wrist. Use extreme care to avoid intra-arterial administration or extravasation. Do not mix or dilute Valium with other solutions or drugs in syringe or infusion flask. If it is not feasible to administer Valium directly I.V., it may be injected slowly through the infusion tubing as close as possible to the vein insertion.

Moderate anxiety disorders and symptoms of anxiety, 2 to 5 mg I.M. or I.V. and severe anxiety disorders and symptoms of anxiety, 5 to 10 mg I.M. or I.V. repeat in 3 to 4 hours if necessary; acute alcoholic withdrawal, 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary. Muscle spasm, in adults 5 to 10 mg I.M. or I.V. initially, then 5 to 10 mg in 3 to 4 hours if necessary (tetanus may require larger doses); in children, administer I.V. slowly; for tetanus in infants over 30 days of age, 1 to 2 mg I.M. or I.V., repeat every 3 to 4 hours if necessary; in children 5 years or older, 5 to 10 mg repeated every 3 to 4 hours as needed. Respiratory assistance should be available. Status epilepticus, severe recurrent convulsive seizures (I.V. route preferred) 5 to 10 mg adult dose administered slowly, repeat at 10- to 15-minute intervals up to 30 mg maximum. Repeat in 2 to 4 hours if necessary keeping in mind possibility of residual active metabolites. Use caution in presence of chronic lung disease or unstable cardiovascular status. **Infants (over 30 days)** and **children (under 5 years)**, 0.2 to 0.5 mg slowly every 2 to 5 min., up to 5 mg (I.V. preferred). **Children 5 years plus**, 1 mg every 2 to 5 min., up to 10 mg (slow I.V. preferred); repeat in 2 to 4 hours if needed. EEG monitoring may be helpful.

In endoscopic procedures, titrate I.V. dosage to desired sedative response generally 10 mg or less but up to 20 mg (if narcotics are omitted) immediately prior to procedure, if I.V. cannot be used, 5 to 10 mg I.M. approximately 30 minutes prior to procedure. As preoperative medication, 10 mg I.M., in cardioversion, 5 to 15 mg I.V. within 5 to 10 minutes prior to procedure. Once acute symptomatology has been properly controlled with injectable form, patient may be placed on oral form if further treatment is required.

Management of Overdosage: Manifestations include somnolence, confusion, coma, diminished reflexes. Monitor respiration, pulse, blood pressure, employ general supportive measures, I.V. fluids, adequate airway. Use levarterenol or metaraminol for hypotension. Dialysis is of limited value.

How Supplied: **ORAL:** Scored tablets—2 mg, white, 5 mg, yellow, 10 mg, blue—bottles of 100* and 500; * Prescription Paks of 50, available in trays of 10; * Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25+ and in boxes containing 10 strips of 10+.

INJECTABLE: Ampuls, 2 ml, boxes of 10,† Vials, 10 ml, boxes of 1,† Tel-E-Ject® (disposable syringes), 2 ml, boxes of 10+.

* Supplied by Roche Products Inc., Manati, Puerto Rico 00701

† Supplied by Roche Laboratories, Division of Hoffmann-La Roche Inc., Nutley, New Jersey 07110



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38 PERCENT SURCHARGE PRECIPITATES ACTION

PMS representatives met October 26 with state Senate leaders on the new malpractice insurance rate problem. Of immediate concern is the imposition of a 38 percent surcharge on physicians' malpractice insurance premiums to support the state's Catastrophe Loss (CAT) Fund. The CAT Fund, established under Act 111 of 1972, pays awards above \$100,000 up to \$1 million in medical liability suits. Henry H. Fetterman, MD, chairman of the Society's ad hoc committee on Act 111, and David S. Masland, MD, chairman of the Board of Directors of the Pennsylvania Medical Society Liability Insurance Company (PMSLIC), headed the PMS delegation which met with Henry G. Hager, Senate president pro tem, and Edwin G. Holl, chairman of the Senate Committee on Banking and Insurance, on the surcharge for the CAT Fund, which is scheduled to pay out over \$19 million this year. The Society delegates restated support for Act 111 amendments which could affect the amount of the surcharge, such as creation of a tribunal system for pretrial screening. Because of the urgency created by the surcharge, Senator Hager agreed to seek early consideration of the Society's proposals.

STATE SENATE CONFIRMS APPOINTMENTS TO BOARDS

The state Senate has confirmed Governor Thornburgh's appointments to two boards concerned with the practice of medicine. Joseph C. Toland, MD, of Philadelphia, serves on the Drug, Device and Cosmetic Board. Herbert Goldstein, Esq., Harrisburg attorney, is a lay member of the State Board of Medical Education and Licensure.

DPW BILLING WORKSHOPS SCHEDULED IN DECEMBER

The Office of Medical Assistance (Department of Public Welfare) will conduct a series of workshops in December to train personnel in medicaid billing procedures. Dates and locations will be mailed to physicians and other providers early in November. Individual assistance also will be available. Questions about the workshops should be directed to the Provider Education Program by telephoning 1-800-692-7383.

SENATE COMMITTEE STUDIES DEFINITION OF DEATH BILL

Determination of death legislation was introduced in the Senate in October and referred to the Senate Judiciary Committee. State Society representatives were among those on a special Department of Health committee which developed the proposed law. S.B. 1092 defines death as the irreversible cessation of circulatory and respiratory functions or the irreversible cessation of all functions of the entire brain including the brain stem.

BILL WOULD MANDATE ALCOHOLISM COVERAGE

The State Society supports proposed legislation requiring health insurance coverage for the treatment of alcoholism. H.B. 1890, introduced in October, requires insurance companies to provide coverage for annual minimum of 15 days for detoxification treatment and 50 days of followup therapy, including outpatient care. The House of Representatives Committee on Insurance is studying the proposal.

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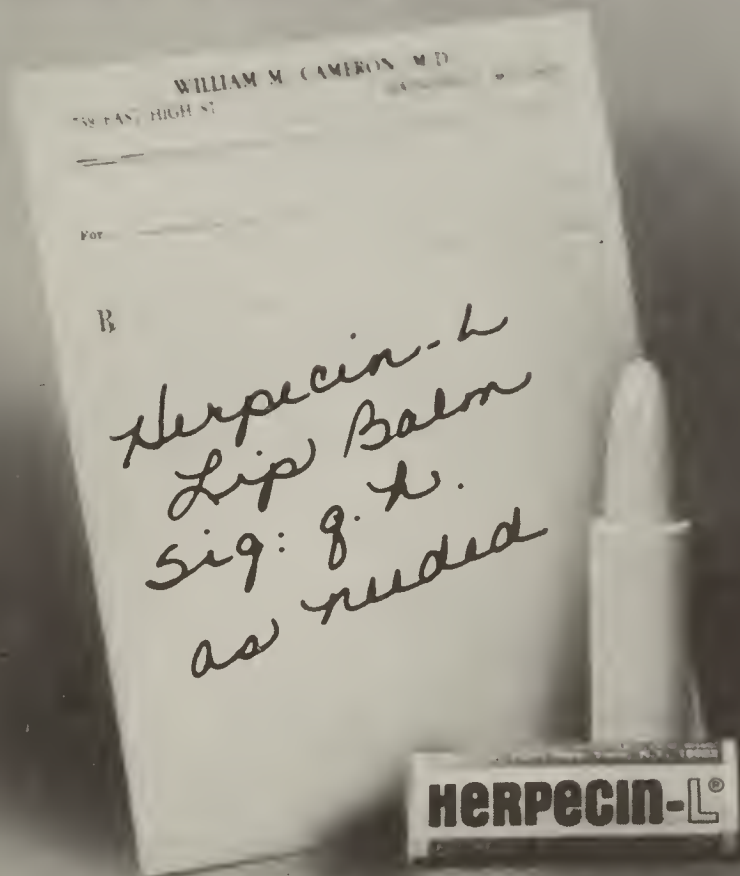


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Emerging danger in antimicrobial therapy

A group of 150 concerned physicians and scientists from twenty-five nations, lead by Stuart B. Levy, MD, professor of medicine at Tufts University, and Yankel Kupersztoch, professor of genetics at National Polytechnical Institute, Mexico City, recently released a statement on antibiotic abuse. They noted that worldwide abuse of antibiotics had led to an alarming increase in multi-resistant organisms. The statement continued, "Let no one suppose that widespread use of antibiotics is in any way a substitute for good sanitation and personal hygiene. Efforts in improving these mainstays of infectious disease prevention must be encouraged and strengthened."

The advent of antibiotic therapy in the Twentieth Century has been one of the most remarkable happenings in medicine. From the Oxford policeman with septicemia who was treated with penicillin and improved, until the supply of the drug was exhausted, to today, when antibiotics have become the most frequently prescribed medication for hospitalized patients, antimicrobial therapy has revolutionized medical practice. And yet there are physicians and scientists who warn that disaster is near because of antibiotic abuse; that we may be approaching an encounter with virulent multi-resistant strains of micro-organisms against which no antibiotic will be active.

The pathogens, much like insect pests, are extremely adaptable and are constantly changing and modifying their patterns of resistance to cope with new antibiotic actions. This is accomplished in several ways: resistance to entry of the drug; change within to prevent action on vital cellular function; and production of material, enzyme or chemical, to inactivate or defuse antibiotic drugs. These newly acquired defenses are then passed on to the succeeding generations so that certain areas of the world experience large populations of microbes that are drug resistant. Examples are tetracycline resistant cholera in Tanzania; antibiotic resistant enteropathogenic E. coli in children in Delhi; multiple drug resistant strains of Salmonella in India and Czechoslovakia; penicillin resistant gonococci in Southeast Asia; and many more.

Recent studies have indicated that inappropriate use of antibiotics does occur, probably more frequently than we would like to admit. Optimum antibiotic therapy is based upon identification of the organism, determining its sensitivity, and proceeding with a prescribed therapeutic regimen, making alterations based on culture sensitivity when necessary. Within the realm of inappropriate use might be (1) improper dosages or intervals, (2) more specific or effective antibiotic indicated, (3) use of multiple drugs when one would suffice, (4) continuation for too long an interval, (5) not initiated soon enough, or (6) not necessary at all.

As physicians, we prescribe antibiotics nearly every day, either prophylactically, therapeutically or empirically. We need to be more aware of the indications for their use, their proper use, and the most appropriate time to discontinue

use. Sir Robert Platt wrote in the *British Medical Journal* in 1965 (2: 551), "New knowledge is not generally very difficult to use. Those of us who lived and practiced before the days of antibiotics and even of sulfonamides did not have to go back to the university to study organic chemistry or pharmacology in order to know how to use them."

This may have been true in the early years, but with antibiotic use snowballing and the alarming problem of resistance developing, we need to proceed with a little more seriousness and professional judgment. Thomas Huxley said, "Indeed, if a little knowledge is dangerous, where is the man who has so much as to be out of danger?"

Our danger is just beginning.

David A. Smith, M.D.
Medical Editor

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(Required by 39 U.S.C. 3685)

1. TITLE OF PUBLICATION Pennsylvania Medicine		A. PUBLICATION NO. 4 2 6 4 6 0		2. DATE OF FILING 10/20/81	
3. FREQUENCY OF ISSUE Monthly		A. NO. OF ISSUES PUBLISHED ANNUALLY 12		B. ANNUAL SUBSCRIPTION PRICE \$12.00	
4. COMPLETE MAILING ADDRESS OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code) (Not printers) 20 Erford Road, Lemoyne, PA 17043					
5. COMPLETE MAILING ADDRESS OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers) 20 Erford Road, Lemoyne, PA 17043					
6. FULL NAMES AND COMPLETE MAILING ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR (This item MUST NOT be blank) PUBLISHER (Name and Complete Mailing Address) Pennsylvania Medical Society, 20 Erford Road, Lemoyne, PA 17043 EDITOR (Name and Complete Mailing Address) David A. Smith, MD, 20 Erford Road, Lemoyne, PA 17043 MANAGING EDITOR (Name and Complete Mailing Address) Mary L. Uehlein, 20 Erford Road, Lemoyne, PA 17043					
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2. MAIL SUBSCRIPTION nonmembers 380 included in dues 14,542		380 14,542		382 14,499	
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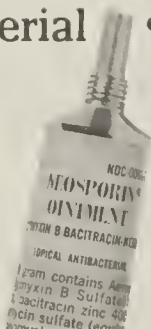
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Pennsylvania prominent at political parley

Ideas and suggestions were exchanged by state medical political action committee (PAC) members at the American Medical Political Action Committee's (AMPAC) Political Education Conference.

The conference, held in Washington, DC, September 16-18, was designed to be a nuts and bolts learning session covering the basics of administering an effective PAC. "Some states have done a terrific job administering certain aspects of their PAC operation," said Jerry Rothenberger, executive director of Pennsylvania Medical Political Action Committee (PaMPAC), "but need help with other aspects. Another state may have exactly the opposite needs. This conference gives us the opportunity to help each other."

The topics of the workshops included "Recruiting and Evaluating Candidates," "Recruiting and Organizing Campaign Volunteers," and "Current Federal Election Commission Campaign Regulations." Techniques to get-out-the-voters were examined, and specific attention was given to fund raising for the candidates.

Heinz addresses group

Pennsylvania Senator H. John Heinz addressed a breakfast meeting on the topic of current health related legisla-

tive action. Heinz, on the Senate Finance Committee's Subcommittee on Health, spoke on rising health care costs. He explained that the Congress is working to contain health care costs and that health care competition is an alternative which is under consideration.

Others who addressed the group included political columnist David Broder and Stu Spencer, a political consultant to President Reagan. Both addressed the political questions involved in PAC administration.

PaMPAC audiovisual highlighted

The use of audiovisuals to recruit new PAC members is a novel approach first used by PaMPAC. Jerry Rothenberger demonstrated how the increased effectiveness of audiovisuals can aid recruitment. How to create an audio-visual program was also discussed. The Pennsylvania program was designed by Denise Zimmerman, of the PMS Communications Division.

The Pennsylvania delegation to the Conference included Drs. H. Keith Fischer; Jack L. Fairweather; William D. Lamberton; Philip S. LaVerde; Robert H. Bradley; J. L. Lawrence, and Michael P. Levis, past chairman of the AMPAC Board of Directors and PMS president elect.

Until several years ago, AMPAC's Political Education Conference was an annual event. Recently, rising costs have caused the number of meetings to be cut back to one every few years.

PACS were formed when federal law prohibited groups like PMS from contributing money to candidates for public office. Currently, organized medicine in Pennsylvania can only support a candidate through PaMPAC. "Political education for all state PAC members is essential," said Larry Light, legislative liaison for Pennsylvania Medical Society. "The effectiveness of a state PAC will determine how well the voice of organized medicine is heard."



Dr. Fischer



Dr. Levis



At the American Medical Political Action Committee national conference in Washington this fall, PMS members figured prominently. PaMPAC's audiovisual program was featured, and PaMPAC leaders joined in discussions.

Dr. David J. Keck, PMS Board chairman, dies suddenly

David J. Keck, MD, chairman of the PMS Board of Trustees, died suddenly October 1, 1981, of an abdominal aneurysm. He was 56.

The vice chairman of the board, David W. Clare, MD, a Pittsburgh surgeon, will assume all responsibilities of the chairman until the Board's annual reorganization meeting November 8, following the 1981 meeting of the PMS House of Delegates.

A general practitioner, Dr. Keck lived and practiced in Fairview, Erie County. Earlier this year the Erie County Medical Society had announced its intention to nominate Dr. Keck for the PMS vice presidency, with automatic succession to the presidency in two years.

The PMS Board of Trustees, in a memorial resolution authored by Dr. Clare, recognized "his devotion to the highest ideals of the medical profession" and expressed appreciation for the exemplary service he gave "to his patients, his community, and all levels of organized medicine."

Educated in the public schools of Butler, Pennsylvania, where he was born April 29, 1925, David Keck earned his undergraduate degree at Capital University, Columbus, Ohio, in 1945, and received the degree of doctor of medicine at Jefferson Medical College, Philadelphia, in 1949. Internship took him to St. Vincent Hospital, Erie, an institution with which he maintained close ties throughout his professional career.

Following his internship, the young physician established a private practice in Fairview, becoming the first physician in ten years for that Erie County community. The love affair between the young doctor and his new town lasted for over 30 years and the whole community mourned his sudden death.

The Erie Times-News, in an editorial on Sunday, October 4, said: "A part of Fairview died this past week. Dave Keck, MD, had been there for 30 years. He knew everyone and all of the people knew and liked him. He was the team physician at Fairview High School, and the sight of him going out on the field to see if a young man was hurt was one we all knew and enjoyed because he had a certain way about him. The same was true for everything he did. He was a big man in every way—stature and heart . . . it is not going to be easy to realize the the 'big man' will not be with us any more."



At St. Vincent Health Center he was a member of the medical staff for 31 years and helped to establish 24 years ago its Alcoholism Program and Detoxification Center. The center is considered a model, with over 700 admissions a year and outpatient followup, including group therapy, Alcoholics Anonymous, and a halfway house. Dr. Keck directed these activities in addition to seeing released patients in followup visits. He also served the Erie County Geriatric Center as medical director.

Dr. Keck was a leader in the medical community on the county, state, and national levels.

He became president of the Erie County Medical Society in 1971, after having held numerous other offices and committee posts. He was a member of the PMS House of Delegates for 12 years prior to 1969, when he was elected to the State Society's Board of Trustees to fill the unexpired term of James Biggins, MD. He was elected to his first full term in 1971.

He was first elected chairman of the Board in 1978, after having served as chairman of the Publication Committee, which oversees PENNSYLVANIA MEDICINE. Re-elected chairman in subsequent years, Dr. Keck provided leader-

ship during the period of the formation of the Pennsylvania Medical Society Liability Insurance Company and through the lengthy negotiations on medicaid with the Department of Public Welfare.

On the national level, Dr. Keck was a delegate to the AMA House of Delegates. He first became a member of the Pennsylvania Delegation in 1973.

He once said of his activities in organized medicine, "I wouldn't trade the experience for anything. It's been both an education and a means of service at the same time."

But he found his greatest professional satisfaction in "taking care of my people in my practice and working with the alcoholism program." Most of his community activities related to the latter area of interest. He served on the governing boards of both the Erie County Alcoholism Council and Family Crisis.

The Pennsylvania Medical Society House of Delegates, through the memorial resolution extends the organization's and his colleagues' "sympathy to his widow, Agnes (Sunny), and his son, David Michael, and his daughters, Lisa Ann and Karen Lee."

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Why I joined organized medicine

Brenda K. Baumann, MD



After investing countless hours and countless dollars to establish myself in a medical career you can imagine my chagrin when I read: "The physician as a small businessman and independent entrepreneur will share the fate of the dodo and the dinosaur." This, from no less an authority than Professor Harry Schwartz, appeared in the *Wall Street Journal*, of August 11, 1981.

If you're like me you resent being relegated to the museum of natural history. You are told the independence you worked so long to achieve is now outdated. You want to be free to choose how and where you practice. But you must shout to be heard above the din of hospitals, insurance companies, HMOs, planning agencies, and the state and federal government.

These are some of the reasons I'm active in organized medicine very early in my career. I just don't feel comfortable out there alone. I need to know that I'm part of an organization of supportive colleagues who care about what's happening to the practice of medicine and who, through collective action, can stand up and fight when necessary.

My early visits to the Pennsylvania Medical Society headquarters in Lemoyne made a strong and favorable impression on me. I admired the work of my colleagues on the councils and commissions of the State Society, and was pleasantly surprised by the professionalism of the staff. I discovered this is a

full time organization fighting for the survival of the physician.

As I became involved in the work of the Council on Member Services, I honed in on the area of member recruitment. But the more I delved into recruitment, the more uneasy I became. I am now convinced that we have a serious membership problem which must be corrected. We must move immediately to reverse a deficiency in the number of new members before the problem gets out of hand.

Our strength is built on numbers, and our present number of 14,500 physicians is impressive. But it will not remain so unless we reinforce our commitment to county and state medical societies and the AMA (federation) and share that commitment with more young physicians.

Not enough new, young physicians are joining organized medicine. Here is what has happened.

The number of physicians in Pennsylvania grew from around 16,000 in 1963 to over 23,000 in 1980. That's an annual growth of approximately 2.1 percent.

During that 17 year period, PMS membership and, therefore, aggregate county membership grew from slightly more than 12,000 members to over 14,500. That's a growth rate of less than 1 percent a year. In other words, *the number of doctors in the state was increasing twice as fast as membership in organized medicine* (Figure 1).

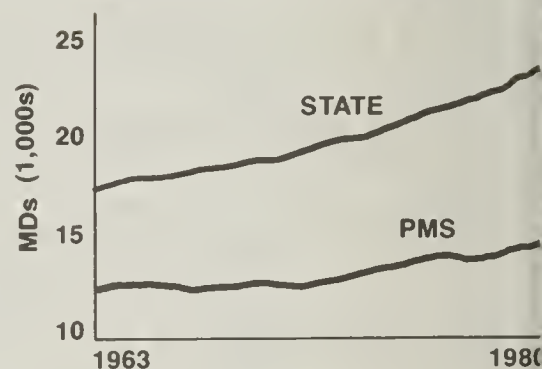
During the past 17 years, organized medicine in Pennsylvania has been losing its share of the physician market.

Here's another view of the situation. If we look at all physicians in Pennsylvania in 1963, including residents, more than 76 percent belonged to organized medicine. By 1980 that figure had dropped to slightly more than 62 percent (Figure 2).

Since residents are a unique group who are difficult to recruit and who rarely participate in the work of organized medicine, let us exclude them for a moment from our study.

The author is a member of the PMS Council on Member Services and chairman of the subcommittee on member recruitment. The wife of a physician, she practices emergency medicine in Clearfield.

Figure 1
SEVENTEEN YEAR
MD GROWTH-STATE PMS



Without the residents we find that in 1963 more than 91 percent of all practicing physicians in Pennsylvania belonged to PMS. That figure has now dropped to around 75 percent in 1980 (Figure 3).

Although we still represent a large majority of practicing physicians, there has been more than a 15 percent decline in membership in organized medicine in Pennsylvania over the past 17 years.

You may ask what went wrong? Why did more than 91 percent belong prior to 1963? The answer lies in a rule which then existed in most hospital medical staff bylaws. It said that to be eligible for hospital privileges, a physician had to be a member of the county medical society. As you might guess, that rule has been struck down by the courts. And from that day forward, we've had a recruiting problem.

In clinical medicine, patients frequently present compound medical problems. The same is true of the membership syndrome of organized medicine in Pennsylvania.

The complications in this case center around money. While the number of members in PMS increased by over 2,400 during the 17-year period, the number paying dues grew by only slightly more than 350. In other words, while we added thousands of new members, almost a like number were switching from a dues paying to a dues exempt membership category.

It came as a shock to me to realize that during a period of rapid inflation, PMS has experienced no real growth in dues paying members. Thus a static membership has supported the ever in-

Figure 2
PMS MARKET PLACE SHARE

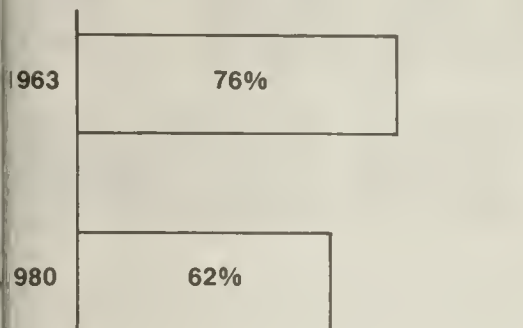
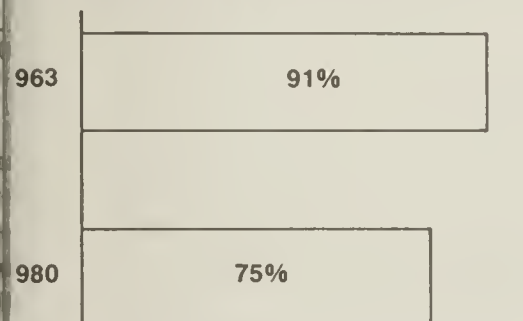


Figure 3
PMS MARKETPLACE SHARE OF PRACTICING PHYSICIANS



creasing costs of running the association.

We know the remedy must start with us. Despite the allure of specialty societies, despite the tremendous debts new physicians carry, despite the trend to join a group or become an employee, despite all these excuses, we must preserve the viability of organized medicine.

Each of us has had personal experience in organized medicine at either the county, state, or national level. It has validated for us the need for concerted action. We have received information that we needed. We have met colleagues who care about the issues and were able to make an impact. We have seen these organizations address a problem and get a solution favorable to the profession. We have felt the strength that comes from a united front.

The physician as thinker, will always rely on his or her individualism, and that is a quality we encourage. But effective action in our communities, state, and nation require physician consensus. Our world is complex, and we need organizations to secure the public outcome favorable to our patients, practices, and the public.

Help assure the continued effectiveness of your medical society. Use the enclosed card to find more members. It will make you stronger and save you money in the long run. ☐

Guidelines for Recruiting PMS Members

Recruitment pamphlets and applications are available at your county medical society or the Pennsylvania Medical Society, 20 Erford Rd., Lemoyne, PA 17043 (Telephone 717-763-7151).

1. *Arrange for a personal visit with prospective member. Select a date which is convenient to the physician and will allow you sufficient time to review the advantages of membership in organized medicine.*
2. *Provide the prospect with a copy of the recruitment material. Review briefly the important points and try to determine your prospective member's area of greatest interest. Keep in mind that both PMS and the AMA have much to offer every physician.*
3. *Encourage a prospective member to complete a membership application during your interview. Offer to assist.*
4. *Invite the physician to attend the next meeting of your county medical society.*
5. *If the prospective member agrees to attend, offer to take him or her to the meeting, or at the very least, to meet the prospect upon arrival and make introductions to other members.*
6. *It is important to follow up on each prospective member. Keep in touch periodically after your initial interview. Call about society meeting dates. Always encourage completion of the application.*
7. *If questions arise that you cannot answer during discussions with the prospective member, contact your county medical society or PMS for assistance.*

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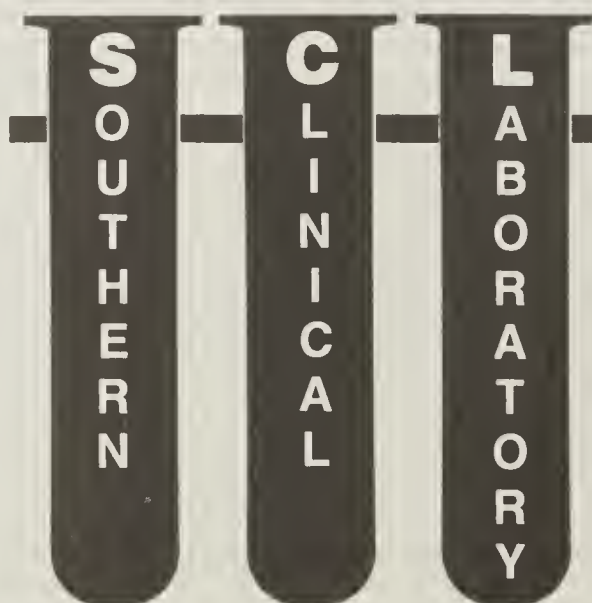
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Membership development charted by survey

Linda J. McAleer

Although a professional association has many opportunities to attract and retain members, it must be prepared to face potential problems in building a membership base that is broad and deep enough to withstand the environmental pressures organizations face in today's world.

The competition for members' time and money can be threatening. External situations can cause an association to react to an issue using unplanned-for funds. "Strength in numbers" is the name of the game when it comes to influencing legislation. Professional standards are set only when the voice of the profession is heard.

To assure that long-range goals are met and that an association has the resources to react to change, a stable, strong and growing membership base should be a critical objective. That can mean growth from within (increasing dues) or from outside, increasing membership among available practitioners or looking to new market segments for prospective members. Looking at ways to build a membership base from the perspective of assessing new markets is a constructive way to begin a planning cycle. It also assists the association to set priorities for its future.

In preparing for the future of the Pennsylvania Medical Society, the leadership sought a keen understanding of the areas in which the Society could grow, both to build a broader membership base and guarantee a stronger financial picture. Stage Two of a research project was designed to provide the tools necessary to plan for the future and assess the present status — as a benchmark against which to measure the impact of change. Stage One was the survey of the interests and opinions of PMS members themselves, reported in the November 1980 issue. It was agreed that there were three groups which could be considered potential market segments for increasing the base of membership: (1) resident physicians, (2) osteopathic physicians, and (3) all licensed physicians not currently members of PMS.

Survey Objectives

Research for Management, the marketing research division of Hay Associ-

ates, conducted surveys to determine those specific market segments of potentially eligible physicians and their characteristics; why these physicians are not joining PMS; their awareness of and attitudes toward PMS; new ways and services geared to reach them; and benefits valuable to attract and recruit new members.

Survey Process

The survey itself consisted of two phases. In the initial phase, two focus group interviews were conducted, one with osteopathic physicians in Harrisburg and one with resident physicians in Philadelphia. The purpose of these group meetings was to ensure that the subsequent written questionnaire would address the most relevant issues.

Three separate surveys, with common questions as well as questions unique to each segment, were mailed in the second phase. About 2,000 questionnaires were sent to each of the three potential member groups (actual total 6,571) in December 1980 and January 1981. A response rate of between 15 and 25 percent gave Research for Management an adequate sample to make projections and offer guidance.

Survey results

We learned much about the interests, motivations, and concerns of each prospective new member segment. The results were reported by group, with implications directed to each, and an overview.

Resident physicians' survey results — Residents were knowledgeable about and comfortable with the fact that PMS, as the representative of organized medicine, should address issues relative to public image and government representation. But they also expect a medical association to provide education and professional discipline/peer review. At this stage in their careers, monetary, measurable benefits (i.e., insurance, practice management consulting, referral services) were not

critical as reasons to belong to a medical organization.

This group, of course, is transient. Almost one-quarter of them will leave Pennsylvania, with 40 percent more "not yet sure" where they will practice.

Demographically, residents are more likely to join a group practice. Nineteen percent are women. They are not "joiners" of professional organizations with 86 percent of them paying less than \$250 per year on dues to medical organizations.

They see organized medicine as necessary "to control government interference." That creates a difficulty in approaching residents to join; they can take advantage of the efforts of PMS in this area without membership.

Tangible benefits offered by PMS are not appropriate for this group. They seek peer review and professional standards-setting. Their contact is foremost with hospital staff (directors of residency, faculty, etc.), another group the study found to be least likely to join PMS.

Two major implications emerge from the research: (1) among residents who are *not sure* they will remain in Pennsylvania, PMS can play a positive role in encouraging them to remain; and (2) they represent the future of organized medicine and feel that there is an increased need for organized medicine.

Osteopathic physicians survey results — Osteopathic physicians in Pennsylvania share an interest that PMS members also expressed — they need a *strong* external force (a professional association) to act on their behalf with governmental and regulatory bodies.

In the past, osteopathic physicians have suffered problems of image and with representation before legislative bodies. They have a professional association, the Pennsylvania Osteopathic Medicine Association (POMA). The survey asked if they felt that this group alone could represent their interests. Twenty-two percent did not know, and 57 percent were not comfortable with POMA's role.

The issues most important to osteopathic physicians were similar to those of PMS members: public image,

The author is director of marketing research for Hay Associates, Philadelphia, Ms. McAleer's article on the survey of PMS members' attitudes was published in November 1980.

physician/patient relationship, role of third-party payors, professional liability and malpractice issues, and the effect of national health insurance.

Sixty-one percent feel that there is more need now for organized medicine. This percentage is decidedly higher than for the other two target market segments. External influences and government interference predominate as reasons for the existence of medical associations.

The demographic and descriptive profile of osteopathic physicians is somewhat different from that of PMS members. Most are in solo practice (54 percent); more than 50 percent are concentrated in the five-county Philadelphia area; 40 percent are under 40 years of age; they are much more inclined toward providing primary health care than toward specializing.

On the whole, they are not familiar with PMS, nor informed about what it can do for them. However, 59 percent would like to know more, and another 20 percent "don't know" if they want to know more. This group joins professional medical organizations. They look to associations to assist them in their practices. About half joined POMA or the American Osteopathic Association (AOA) just to practice in their hospitals.

This group, in Pennsylvania, is relatively small in number - about 2,000. They would not consider joining PMS for reasons that are not truly negatives, merely lack of information and education: can't discern benefits (45%), never been approached (38%), never been allowed to join (34%), lack of adequate information (27%).

Nonmember MD survey results — This group is comprised largely of physicians in education, government, and full-time hospital staff. Twenty percent are psychiatrists, possibly in government or institutional settings. Their involvement in organized medicine is largely limited to hospital medical staff and to specialty societies. This group has a higher percentage of women than PMS. They are also based in metropolitan areas where hospital complexes and medical school centers are located. Only 37 percent are in group or solo practice, compared with 77 percent of PMS mem-

bers, and are somewhat younger. It is a unique group, not centered around organized medicine. On the whole, they are not joiners. They do not belong to organized medicine and do not know what organized medicine can do for them. They share the PMS members' opinion that the organization should help in image development for physicians, but they can take advantage of these efforts without joining.

Ninety-three percent are not at all or only somewhat familiar with PMS. A full 60 percent feel that PMS would *not* help them in addressing their most important concerns.

This group feels a sense of security in their working conditions; can take advantage of PMS' work on legislation, peer review, professional standards-setting, and image-building without joining their association; can receive continuing medical education through other organizations; and does not see member benefits and services as important.

This group is one that influences residents and physicians in training and has positive contributions to make.

Conclusions

Three groups of potential new members were evaluated. Each segment has value for the society and has a substantial role to play in setting strategic priorities for future growth.

With regard to residents, PMS can provide a critical link with organized medicine, giving them a reason to remain in Pennsylvania to practice medicine. Hospital medical staff members and other "leaders" in medical schools and teaching hospitals provide an effective channel for the Society's communication efforts. Osteopathic physicians are prospective members, given that the proper climate within PMS is ready.

As PMS examines ways to build membership and maintain the current level of activity, it is appropriate to evaluate all its options. The most important element in developing a professional association is knowing what members and nonmembers alike think about the role PMS plays and value it offers. An understanding of expectations will help PMS plan effectively for its future.

How does an organization of professionals motivate potential members to join and become active. These questions motivated two of this month's authors to write the articles which appear here and beginning on page 12.

Linda McAleer, in the article on these pages says that beginning with a survey will provide data to make recruiting of members more fruitful. She reports about the information gathered in such a survey of Pennsylvania physicians.

Dr. Brenda Baumann, in the article beginning on page 12, explains why she joined the Pennsylvania Medical Society. She became active in organized medicine as a resident physician and is committed to strengthening the organization. Dr. Baumann's subcommittee on member recruitment, armed with Ms. McAleer's data, will work in 1982 to build PMS membership.

The making of a trauma center

William E. DeMuth, Jr., MD

Despite the fact that trauma centers have been operating for several years, the concept which led to their development is not generally understood. Just what a trauma center is and does seems to need clarification.

Background

Experience gained in World War II, the Korean conflict, and the Vietnam War demonstrated the worth of centralized care for the severely injured patient. An integral part of this system of sophisticated care was the pre-hospital aspect which embraced onsite resuscitation and a transportation system which provide medical support en route. Terrain demanded helicopter support in that setting and many trauma centers have found that the speed afforded by these craft is desirable.

As interest mounted, the Committee on Trauma of the American College of Surgeons set out to develop guidelines to address all aspects of the development of an emergency medical system directed to the needs of the seriously injured patient in a civilian setting. This arduous task resulted in the publication of *Optimal hospital resources for care of the seriously injured* in 1976. In 1979 an

updated version was published which serves as a guideline for most institutions and agencies contemplating the development of trauma centers. The Department of Health of the Commonwealth of Pennsylvania uses these guidelines in the designation process. Most of the issues likely to surface in the development of a trauma center are covered in this document.

Purpose

The detailed epidemiological data supporting the usefulness of trauma centers is beyond the purview of this article. Suffice to say that the patient with multiple injuries will more likely survive when managed in a system geared for the care of this small fraction (approximately 5 percent of the total number of seriously injured patients). The resources required amount to a prodigious commitment in terms of manpower and expense, which cannot be afforded by a majority of hospitals.

The guidelines set the desirable level

Dr. DeMuth is professor of surgery and assistant dean of continuing education at The Pennsylvania State University College of Medicine, Milton S. Hershey Medical Center.

of traffic at 1,000 patients per year for Level I institutions. Certainly a minimum of one or two patients per day would be required to justify the staff and facility commitment. Salvaging 10-20 percent of patients who might otherwise not recover is the probable benefit; reducing disability and speeding rehabilitation are also possible.

No trauma center could aspire to care for all injuries in a region. Indeed, the system must preclude the transport of single-system injuries to such a center. Simple methods of severity scoring determine where the medical command directs the patient to avoid inappropriate admissions.

Commitment

If a process of designation is followed, then the trauma center in a sense becomes a public utility obliged to care for the multiply injured patient at all times. This means that designated operating rooms, fully staffed, stand waiting for the victim to arrive. Surgeons must be in house, and, obviously, when one team is occupied, a second or third must be activated immediately. Designated intensive care beds must be allocated and kept free of elective cases at all times. Continuous in-house coverage in anesthesiology and radiology is required. A spectrum of specialty care is mandated.

Most regional centers will require helicopter services staffed by pilots, a mechanic, and several nurses. Fifty to sixty flights per month are required for breaking even, and when many more runs are required, a second craft must be considered. The minimum expense for a single helicopter exceeds one-half million dollars per year.

The commitment to a continuous educational process includes paraprofessionals, nurses, and physicians throughout the system. Audit processes must be a routine and include assessment of pre-hospital and hospital care.

Conclusion

These are some of the more obvious requirements of a hospital designated as a trauma center. Not mentioned are the administrative details of developing a trauma service, the necessity for ongoing research programs, and other less obvious ingredients which are needed for success. □

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Health care and anti-trust — an overview

Kenneth B. Jones, Esq.

Two earlier articles explored basic anti-trust analysis. The first article dealt with the conceptual foundation of anti-trust law: *a combination of economic entities which commits an act whose purpose or effect is anti-competitive* is, absent an applicable exemption, in violation of the anti-trust laws.

The requirement that there be a combination means that a single buyer or seller cannot violate the anti-trust laws; two or more buyers or sellers must act in concert. A summary of the approach used to determine what is or is not anti-competitive is included below.

The second article examined the *per se* violations and the exemptions. A *per se* violation involves an action so clearly anti-competitive that no examination of its anti-competitive effect is necessary. *Per se* violations examined included price fixing, boycotts, and market division.

An exemption means simply that an action is exempt from anti-trust scrutiny even if the activity is anti-competitive. Exemptions include: state action (state law mandates the action); implied repeal (federal law mandates the action); Noerr-Pennington (the action is a petition to government) and business of insurance (the action involves the spreading of risk by or the insurance contract of an insurer).

This brief, oversimplified summary of the preceding two articles cannot substitute for reading those articles and a review of those articles is suggested.

This article presents a general over-

view of the health care field from an anti-trust perspective and offers some illustrative situations.

Overview

The two earlier articles suggest a three step approach for examining any industry for anti-trust violations. First, the industry is examined to determine whether there are variations between industry organization and practice and the ideal competitive model. Second, variations identified are examined more carefully to determine whether the variations are anti-competitive in the context of that industry. Because few industries closely parallel the ideal model, there can be variations from the ideal model that are nonetheless pro-competitive in the context of that industry. Third, the variation is examined to determine whether any anti-trust exemptions apply. This approach is applied below to the medical care system.

The medical care system contains significant variations from the ideal competitive model. These variations have three principal sources.

First the medical care system has controls intended to maintain the quality of care. Licensure requirements eliminate potential competitors who cannot meet those requirements. Medical school accreditation requirements tend to reduce the number of medical schools, thus reducing the number of competitors trained. Hospital accreditation requirements also tend to eliminate some hospitals from competition. Board certification hinders the ability

of the uncertified to compete. Hospital privilege requirements deny the use of the hospital to the unqualified. Government, both state and federal, further limits who can provide services and what services can be provided.

The self-regulation mechanisms of the professions may prohibit professionals from engaging in activities—advertising for example—that would be a part of the ideal competitive market.

These well justified quality controls pervade medicine; they clash, however, with the ideal competitive model and its presumption that the buyer knows what quality is and how to evaluate it.

Second, the medical care system is subject to a number of anti-competitive controls based on the idea that economic planning is better than competition. These health planning controls are principally represented by health systems agencies and state certificate of need laws.

Third, the medical care market is at variance with the ideal competitive market because of the presence of the third party payors—the Blues, other private insurers, prepaid plans, and the medicaid and medicare programs. The patient who is covered by these programs, and most patients are, is less concerned with price and more concerned with quality and quantity, than the uninsured patient. Free market price competition is weakened.

While raising anti-trust questions, these variations are not generally considered anti-trust violations. The activities of health planners are in large part exempted by state action or implied repeal exemptions, since the programs are mandated by state or federal law.

Similarly, most quality control mechanisms—licensure requirements, controls on the use of drugs—are found in state or federal law and are exempt

This is the third and final article in a series on anti-trust laws and practicing physicians. The previous articles appeared in the July and October issues of PENNSYLVANIA MEDICINE. The author, a graduate of the law school at Boston College, had been a member of the State Society staff prior to pursuing his law studies. He serves now as PMS legal counsel.

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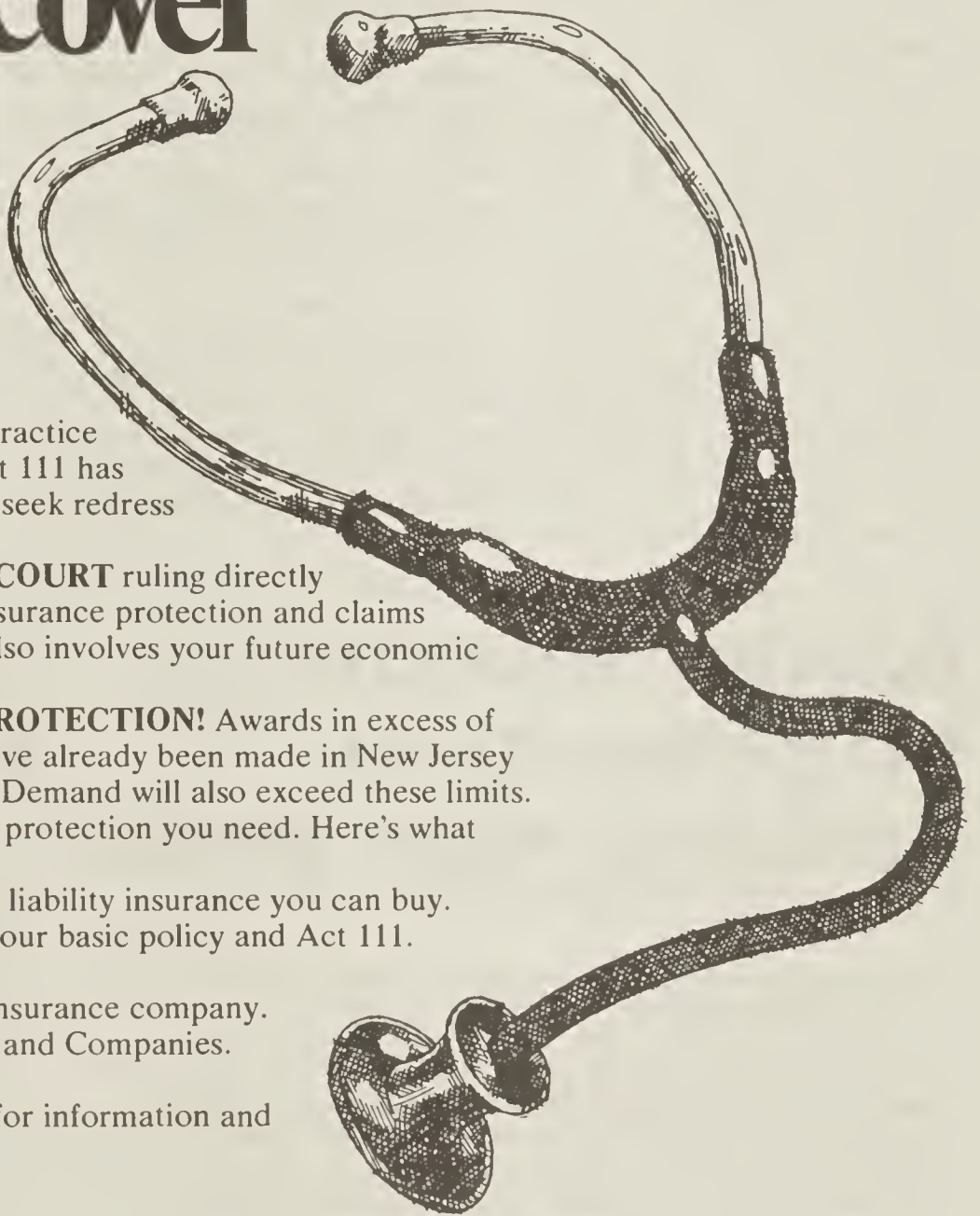
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from anti-trust scrutiny under the state action or implied repeal exemptions. Other quality control mechanisms, like board certification, may be pro-competitive in the context of the health care industry. Free market theory requires that a buyer chooses what to buy on the basis of his particular needs as to price and quality. It is the buyer's informed choice, combined with the choices of other buyers, that determines how society's resources are to be allocated according to the laws of supply and demand. In the medical care market, the buyer is often ignorant of what constitutes quality—the good physician, the best hospital. Board certification provides the buyer with information as to quality. It can be argued that it helps the free market work and is therefore pro-competitive in the context of the health care industry.²

Finally, the third party payors are not easily subjected to anti-trust scrutiny. Medicare and medicaid are exempt under the state action and implied repeal exemptions. Many prepaid plans are encouraged by the state or federal government and therefore have some limited protection under implied repeal or state action exemptions. The Blues have

some limited protection under the business of insurance exemption; perhaps more important, a single Blue Cross or Blue Shield plan is a single economic entity, not a combination subject to the anti-trust laws. A Blue Shield plan looks like a typical buyer, although a large buyer, of medical services and much of its activity can be traced to that buyer status. This leaves the professional associations and their self-regulation mechanisms as the most likely targets of anti-trust scrutiny.

In sum, the fundamental variations from the ideal competitive market model are caused by government intervention and the presence of the third party payors. Even the most stringent application of the anti-trust laws to the health care industry, therefore, will not have a significant effect on the basic competitive structure of the market.

Illustrative Cases

The cases discussed below were chosen because they illustrate how general anti-trust analysis is applied to specific fact situations. The cases are grouped under *per se* violation headings for convenience. The issue of whether the *per se* rules apply in the health care field is

now before the United States Supreme Court.³

Price Fixing—The classic example of price fixing is an agreement among competing sellers setting a minimum price for a product or service. Thus a professional association—a combination of competitors—that establishes a minimum fee schedule is engaged in price fixing in violation of the anti-trust laws.⁴

The recent Federal Trade Commission's (FTC) investigation of medical society control of Blue Shield plans was based substantially on an imaginative price fixing theory. The FTC theory was that state medical societies control Blue Shield plans by, for example, appointing a majority of the Blue Shield Board. Therefore, Blue Shield is merely an agent of the state medical society. By recognized agency principles, the actions of Blue Shield are therefore imputed to the state medical society. The Blue Shield plan clearly fixes prices; that price fixing activity is imputed to the medical society. The state medical society—a combination of competitors—is therefore engaged in price fixing in violation of the anti-trust laws.⁵

The FTC investigation prompted considerable legal and economic analysis of Blue Shield activities. Even the shortest summary is beyond the scope of this paper, but one argument will be mentioned because it illustrates the point that a practice anti-competitive in one industry may, in fact, be competitive in another. Price fixing appears to be clearly anti-competitive. The argument advanced, however, was that the real price competition in health care was not among physicians, but among insurance companies. A physician controlled insurance company, even one where the physicians set their own fees, introduced a new type of competitor into the market, thereby enhancing competition.

The final result of the FTC investigation is still unclear. It is clear, however, that the FTC has withdrawn its original proposal to adopt regulations prohibiting medical society and physician involvement in Blue Shield and will proceed, if at all, by the more traditional court action.⁶

Peer review of fees also raises price fixing questions. Peer review tends to establish a maximum fee level. I know of no cases directly addressing this question, but the FTC and, in at least

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one case, the court appear to adopt the implicit position that peer review is allowable.⁷ The question can best be characterized as undecided.

Relative value scales can easily be converted into fee schedules and thus raise price fixing problems. In one case where the issue reached the appeals court, that court concluded that the development of a relative value scale was not an anti-trust violation.⁸ That case, however, involved unusual facts, and the court based its decision on those facts. In most cases, the development of a relative value scale by a professional association will probably constitute an anti-trust violation.⁹

Finally, restraints on advertising are usually seen as closely akin to price fixing, because advertising restraints prevent the buyer from receiving price information and making price comparisons. It is clear that a professional association may not enforce a blanket prohibition against advertising. A prohibition against false, misleading, or deceptive advertising is proper.¹⁰

Boycotts—A boycott is a concerted refusal to deal. A leading case from 1943 provides an example. The court found that the AMA, the state society, and the county society, through its physician members acting in combination, had refused to deal—to accept employment, to refer to, and to accept referrals—with an HMO.¹¹ The court made no specific reference to the word boycott but its analysis is based on boycott concepts.

The AMA's former ethical position against any association by physicians with chiropractors appears to be an openly stated concerted refusal to deal with chiropractors. In a suit brought by a chiropractor, however, the AMA prevailed at the trial level.¹² The issue appears to be whether the AMA's ethical statement was aimed at informing consumers, government, or its members of its views on chiropractic and was, therefore, protected by free speech constitutional guarantees or whether the statement was aimed at coordinating anti-competitive behavior.¹³ The case is now on appeal.

The chiropractic case will help illuminate what activities a professional association can engage in without being engaged in a boycott. The recent FTC order against the Michigan State Medical Society illustrates what activities a professional association cannot engage

in. During the course of negotiations with Blue Shield and Medicaid, the Michigan State Medical Society, among other activities, gathered resignations from those programs from its member physicians for use when the medical society felt appropriate. An FTC Administrative judge concluded that such activities were in violation of the anti-trust laws.¹⁴

A clearer example of a boycott is the physician strike. The union exemption from the anti-trust laws mentioned in the first article does not apply to the physician strike. To qualify for the union exemption, the "union" must comprise employees, and the strike must be against employers over wages and working conditions.¹⁵ A physician "union" will not qualify for the exemption under most circumstances since most physicians are independent contractors, not employees.

Division of Markets—A division of markets occurs when competitors agree not to compete in certain geographic areas or in certain product or service lines. Therefore, if hospital A agrees to close its emergency room in return for hospital B closing its outpatient clinic, there is a prima facie division of markets and a probable anti-trust violation.

The more difficult questions in this area arise because of the involvement of the HSA and the possible application of the implied repeal examination. The HSA Act states that the HSA shall seek the cooperation of the private sector. The HSA itself could determine in our example that only one emergency room and one outpatient clinic were needed in an area. It could then, following its mandate to seek cooperation of the private sector, ask hospital A and B to determine which hospital should have the emergency room and which the outpatient clinic, and to implement that determination.

The hospitals that acceded to that request would claim that the HSA's mandate to seek cooperation worked on implied repeal of the anti-trust laws in order to allow the private sector to cooperate. The implied repeal exemption applies however "only to the extent necessary to make the regulatory scheme work and even then to the minimum extent possible."¹⁶ Cooperation of the kind in our example is probably not "necessary"; therefore, the cooperating hospitals have no anti-trust law exemption and are probably engaged in an illegal

division of markets. Petitioning the HSA is protected; taking actions mandated by the HSA is protected, *voluntary* actions furthering HSA goals, however, raise anti-trust questions.¹⁷

Summary

The first article in this series set forth the basic rationale of Section One of the Sherman Anti-Trust Act — a joint action with anti-competitive purpose of effect is forbidden. The second article addressed the *per se* rules (actions so clearly anti-competitive that no industry examination was necessary) and the exemptions to Section One of the Sherman Anti-Trust Act.

This article applies the rules developed in the first two articles to the health care field. Throughout it is emphasized that, at best, a general feeling for anti-trust analysis might result from reading the articles; they are not intended as a legal primer in the subject.

1. Jones, K.B. *Anti-Trust Violations and Practicing Physicians*, PENNSYLVANIA MEDICINE 7:17-18, 1981, Jones *Per Se Violations and Exceptions in Anti-Trust Actions*, PENNSYLVANIA MEDICINE 10:20, 22, 1981.
2. See, Federal Trade Commission, *Anti-Trust and the Health Professions: Policy Planning Issues Paper*, 88-89 (July 1981).
3. *Arizona v. Maricopa County Medical Society*, Trade Cases 91 63,239 (9th cir 1980), cert. granted, 49 U.S.L.W. 3663 (March 9, 1981).
4. *Goldfarb v. Virginia State Bar*, 421 U.S. 773 (1975).
5. See, Federal Trade Commission, *Bureau of Competition Staff Report and Proposed Trade Regulation Rule: Medical Participation in Control of Blue Shield and Certain Other Open-Panel Medical Pre-Payment Plans*, (April 1979).
6. See, *FTC News Summary*, Vol. 30-81 (May 1, 1981); AMA NEWS 1 (May 8, 1981).
7. *American Medical Association v. FTC.*, 638 F.2d 443 (2d cir. 1980), cert. granted (June 22, 1981); *Michigan State Medical Society*, F.T.C. Docket No. 9129 (June 30, 1981); See, Federal Trade Commission, *Anti-Trust and the Health Professions; Policy Planning Issues Paper*, 64-66 (July 1981).
8. *United States v. American Society of Anesthesiologists, Inc.*, 473 F. Supp. 147 (S.D.N.Y. 1979).
9. See, Federal Trade Commission, *Anti-Trust and the Health Professions* . . . , 51-56 (July 1981); See, also, *California Medical Association*, 93 F.T.C. 519 (1979); *Minnesota State Medical Association*, 90 F.T.C. 337 (1977); *American College of Radiology*, 89 F.T.C. 144 (1977); Comment, *Relative Value Guides and the Sherman Anti-Trust Act*, 33 Vand. L. Rev. 233 (1980).
10. *American Medical Association v. FTC.*, 638 F.2d 443 (2d Cir. 1980), cert. granted (June 22, 1981).
11. *American Medical Association v. United States*, 317 U.S. 519 (1943).
12. See, *American Medical News*, March 13, 1981.
13. See, Federal Trade Commission, *Anti-Trust and the Health Professions: Policy Planning Issues Paper* 85-87 (July 1981) and cases cited.
14. *Michigan State Medical Society*, F.T.C. Docket No. 9129 (June 30, 1981).
15. 15 U.S.C. §17 et. seq.
16. *Notional Gerimedical Hospital and Gerontology Center v. Blue Cross*, 49 U.S.L.W. 4672 (June 15, 1981).
17. See, *National Gerimedical* (supra); Beriman, *Anti-Trust and Health Planning*, MEDICOLEGAL NEWS 4 (June 1981).

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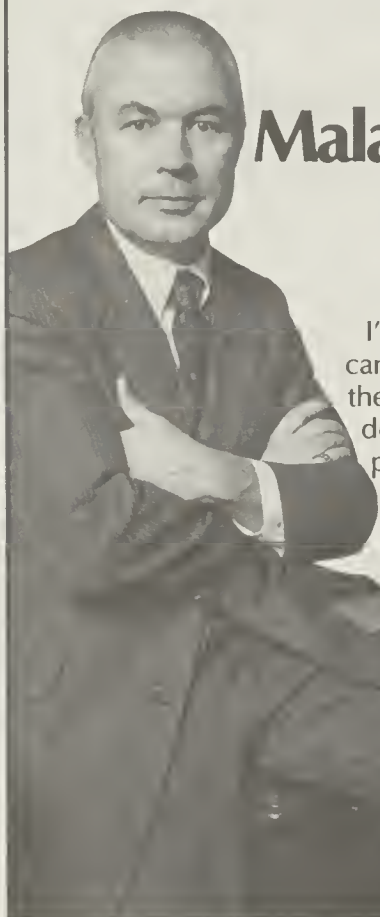
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in my opinion

Medicare after 15 years

In 1965 President Lyndon B. Johnson signed in to law Title XVIII, the Medicare Act. It was designed to improve the coverage and quality of health care for the 25 million people over the age of 65. At Independence, Missouri, while former President Harry S. Truman looked on, President Johnson had this to say. "No longer will illness crush and destroy life savings (of older Americans) that they have so carefully put away over a lifetime so that they might enjoy dignity in their later years."

Mr. Truman honestly believed that, but 15 years after medicare went into effect in July 1966, those words have a

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hollow ring. One who thinks medicare failed to live up to its promise is Patricia Roberts Harris, former secretary of the Department of Health and Human Services.

In July 1980, while still in office and thus in charge of the program, she had this to say about it: "About one million of the elderly are not eligible for medicare, and those who are eligible find that the program covers only 40 percent of their average annual health care expenses." For a variety of reasons, the elderly spend more out of pocket today than they did before medicare was enacted.

Many reasons are behind this lack of coverage, but the two

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Recent Advances in Dementia, November 19 & 20, 1981 (Thursday & Friday). Fee: \$220; Resident's Fee: \$110; Ph.D.'s Fee: \$125. 14 Credit Hours. Directors: Richard Mayeux, M.D. and Wilma Rosen, Ph.D.

Principles and Techniques for the Use of External Fixation, November 21, 1981 (Saturday). Fee: \$100, includes course-related materials, workshop specimens, and luncheon. 8.5 Credit Hours. Director: S. Ashby Grantham, M.D.

Symposium on Nutrition and Drugs, December 3 & 4, 1981 (Wednesday & Thursday) at the New York Statler Hotel. Fee: \$98, includes luncheon. 11 Credit Hours; 11 Elective Hours (A.A.F.P.); 11 Hours (American Dietetic Association). Director: Myron Winick, M.D.

Continuing Education Program for Ophthalmologists, 1981-1982, Five Saturdays: (A) Dec 5, 1981: *Intraocular Lenses*; (B) Jan 9, 1982: *Lids and Lacrimal Glands*; (C) Feb 6, 1982: *Lasers in Ophthalmology*; (D) March 6, 1982: *Instruments in Ocular Surgery*; (E) April 3, 1982: *Strabismus*. Fee: \$100/session; Resident's Fee: \$30/session, includes luncheons. 7 Credit Hours each Session. Director: R. Linsy Farris, M.D.

Postgraduate Review Course in Urological Pathology and Diagnostic Radiology, January 13-17, 1982 (Wednesday-Sunday). Fee: \$450, includes continental breakfasts, luncheons and pathology and radiology Kodachrome slides. 40 Credit Hours. Director: Myron Tannenbaum, M.D., Ph.D.

chief ones are politics and inflation. The effects of inflation are fairly obvious.

The politics were written into the law because of the pressure of certain self interest groups. Medicare, for example, doesn't cover people outside the social security system. Among these outsiders are farmers, federal employees and aliens. There were then more than a million of them, as Secretary Harris pointed out.

A crucial political decision, apparently based on cost, was that the program would not pay for most nursing home care, a critical need for patients with debilitating illnesses. A tremendous number of people needed custodial care, but they were carefully omitted from the program. As a result, we have seen family life savings eroded, with eventual bankruptcy. When these people become destitute then they can apply for medicaid coverage! Is it any wonder that the American people hold politicians in low esteem. One of the major defects in the original act was the failure to provide coverage of home health care. By insisting on paying only for skilled nursing care, patients who might possibly have been treated at home are cared for either in a hospital or in a skilled nursing facility as long as possible.

As the hospital stay grows longer, medicare requires patients to pay more and more of the bill. After 61 days, patients pay \$45 per day, then \$90 per day after 90 days. If a patient is hospitalized beyond 150 days the patient must pay everything.

Medicare covers a smaller part of the doctor's bill than it did in 1960. Initially it paid 80 percent of reasonable charges. The patient would either get Blue Shield 65 Special to cover the remaining 20 percent or pay it out of pocket.

Next, Medicare decreed that it would pay 75 percent of the physician's "reasonable charges." Thus, if a physician charged \$100 for a procedure, Medicare would pay only 75 percent of the 80 percent, or \$60. Thus, the patient became liable for \$40 instead of \$20. One result of this hanky-panky has been that many physicians refuse to take assignment since this obligates them to accept the government mandated reimbursement.

In 1978 only 48.1 percent of all physicians accepted assignment. 46.1 percent were unassigned. The remaining 5.8 percent of payments went to group practice prepayment (HMO) plans. This is another glaring inequity that infuriates physicians. If medicare patients are members of an HMO, the HMO is reimbursed at 100 percent! As physicians we believe in freedom of choice and welcome competitive health care plans, but not where we are confronted by a stacked deck.

In fiscal year 1979, 27.5 million people (12 percent of U.S. citizens) were covered by the program. A total of \$19.9 billion was paid out for hospital benefits and \$8.3 billion for medical insurance benefits (Part B).

Inflationary pressures and increasing technologic improvements (CAT scanners, etc.) will continue to increase the cost of medical care. Medicare cannot be isolated from these pressures. Eventually changes may have to be made.

Medicare is a fact of life. It is here to stay, but our patients are increasingly being penalized. The program deserves a new look and a total revamping to make certain that the elderly get what they were originally promised.

Robert S. Pressman, M.D.
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physicians in the news

Norman E. Learner, MD, of Greenhill Farms, has received the "Physician of the Year" award from Temple University School of Medicine. Dr. Learner, a clinical professor of medicine at the school, was honored "for loyal and dedicated service."

The Exeter Lions Club recently honored **Marvin L. Fiegelman, MD**, with the coveted Distinguished Service Award for his loyal service and devotion in furthering the objectives of Lionism. A chartered life member of the Pittston Lions Club, Dr. Fiegelman has worked with the Exeter Lions Club for several years in their sight conservation efforts.

Joseph A. Weader, MD, has been named vice president and associate medical director at Geisinger Medical Center. Weader is director of the General Pediatrics and Neonatology Department at the medical center.

The Maimonides Society of the Albert Einstein Medical Society recently elected the following new officers to its board of directors: **Samuel Baer, MD**, President; **Nathaniel Berk, MD**, Vice President; **Henry Arkles, MD**, Secretary/Treasurer.

Lenardo Magran, MD, of Melrose Park, has been appointed chairman of the Regional Council of Child Psychiatry. Ma-

gran is the chairman of the division of child psychiatry/development at the Albert Einstein Medical Center, Northern Division.

Charles Shagass, MD, has been elected president of the World Federation of Societies of Biological Psychiatry. Dr. Shagass, currently professor of psychiatry at Temple University School of Medicine, is an authority in the study of the relationship between the brain's electrical function and psychoses.

The Pennsylvania State University College of Medicine at The Milton S. Hershey Medical Center has named Drs. **Elizabeth R. Baker**, **Christine H. Comstock**, and **Charles W. Whitney**, to the faculty in the department of obstetrics and gynecology.

Neurologist **June M. Fry, MD, PhD**, of Roxborough, has been appointed assistant professor of neurology at The Medical College of Pennsylvania. Dr. Fry is a specialist in sleep disorders.

Drs. **Barbara G. Bronitsky**, **Carolyn G. Dedrick**, and **Joseph D. Layser**, have been named assistant professors of radiology at The Pennsylvania State University College of Medicine at The Milton S. Hershey Medical Center.

The Pennsylvania College of Nuclear Medicine has announced the following

new officers and board members: **Joseph Burkle, MD**, president; **Everett F. Osterling, Jr., MD**, vice president; **Bernard Shapiro, MD**, secretary; **Milton A. Friedlander, MD**, treasurer; **Robert L. Bell, MD**, historian; **David R. Brill, MD**, past president; and **John E. DeVenney, MD**; **N. David Charkes, MD**, and **Judith A. Gouldin, MD**, board members.

Gerald L. Wolf, PhD, MD, has been named the first Winthrop Scholar for Imaging Research at the University of Pennsylvania. Dr. Wolf is a professor of radiology at the University of Pennsylvania School of Medicine.

Louis F. Rose, DDS, MD, has been elected chairman of the Medical Board of the Medical College of Pennsylvania Hospital. Rose, of Haverford, is the chief of dental medicine at the Medical College of Pennsylvania.

Alan B. Gruskin, MD, Philadelphia, has been elected president of the medical staff at St. Christopher's Hospital for Children where he is Chief of Nephrology. Other officers elected include **Anthony J. Pileggi, MD**, President-Elect; **Helen Keith, MD**, Treasurer; and **Howard T. Harcke, MD**, Secretary.

Stephen Gabbe, MD, Philadelphia, director of the Jerrold R. Golding Division of Maternal Fetal Medicine of the Hospital of the University of Pennsylvania, has been appointed to the Medical Science Review Committee of the Juvenile Diabetes Foundation's Medical Science Advisory Board. Dr. Gabbe is a specialist in the care of pregnant women with medical problems, especially diabetes.

C. R. Sridhara, MD, and **Theophila Semanoff, MD**, both of the Department of Physical Medicine and Rehabilitation at the Albert Einstein Medical Center, Philadelphia, have been certified by the American Association of Electrodiagnosis and Electromyography.

Lewis W. Bluemle, Jr., MD, president of Thomas Jefferson University and the College of Physicians of Philadelphia, has been elected to fellowship in the Royal College of Physicians, Edinburgh, Scotland.

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FROM: Thomas J. Judge, Sr., Director Medical Professional Liability Catastrophe Loss Fund, Commonwealth of Pennsylvania

SUBJECT: Reporting Endorsement for Claims-Made Insurance Policies

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obituaries

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***William E. Bierer**, Greensburg; Temple University School of Medicine, 1935; age 71, died September 7, 1981.

***Walter J. Blackburn**, Wynnewood; University of Pennsylvania School of Medicine, 1919; age 78, died August 27, 1981. Dr. Blackburn was known for his consultation work in the field of gastroenterology.

***John J. Buckley**, Reading; Temple University School of Medicine, 1945; age 60, died September 26, 1981. Dr. Buckley was the director of the department of obstetrics and gynecology at St. Joseph Hospital.

***David Davis**, Allentown; University of Vermont School of Medicine, 1964; age 42, died September 12, 1981. Dr. Davis had been the head of the radiology department of Sacred Heart Hospital.

***Victor B. Ellin**, Morrisville; Jefferson Medical College, 1933; age 74, died September 9, 1981. Dr. Ellin was on the staff at Lower Bucks Hospital, Bristol Township Hospital, St. Mary Hospital, and Trenton General Hospital.

***Charles N. Gross**, Lighthouse Point, FL; University of St. Louis School of Medicine, 1931; age 76, died August 1981.

***Joseph A. Helfrich, Sr.**, Plymouth Meeting; University of Pennsylvania School of Medicine, 1920; age 85, died September 27, 1981. In 1968, Dr. Helfrich received the Physician of the Year award from the Beaver County Medical Society.

***David J. Keck**, Fairview; Jefferson Medical College, 1949; age 56, died October 1, 1981. Dr. Keck was chairman of the PMS Board of Trustees and a member of the Pennsylvania Delegation to the AMA. In 1971 he served as president of the Erie County Medical Society. He was instrumental in establishing the alcoholism treatment center of St. Vincent Health Center in Erie.

***Walter W. Kistler**, Wilkes-Barre; Hahnemann Medical College, 1919; age 87, died August 30, 1981. Dr. Kistler was on the staff of the N.P.W. Medical Center and Mercy Hospital in Wilkes-Barre.

***Sylvester E. Lentz**, Lehigh; Jefferson Medical College, 1930; age 77, died August 17, 1981. Dr. Lentz received the Outstanding Citizen of the Year in 1975 from the Lehigh Area Chamber of Commerce.

***Angelo L. Luchi**, Wilkes-Barre; University of Pavia, Italy, 1920; age 87, died August 28, 1981. Dr. Luchi was a leader in local medicine, and one of the initial advocates of continuing medical education.

***Albert E. Nichols**, Blakely; Hahnemann Medical College, 1948; age 57, died August 29, 1981. Dr. Nichols served as a lieutenant in World War II and the Korean conflict.

***Edwin B. Rentschler**, West Reading; University of Pennsylvania School of Medicine, 1924; age 84, died September 11, 1981. Dr. Rentschler was the chief cardiologist at the Reading Hospital and Medical Center, and was honored recently for fifty years of practice by the Berks County Medical Society.

***George Sahlaney**, Johnstown; Hahnemann Medical College, 1938; age 68, died August 31, 1981. Dr. Sahlaney was a past chairman of the hospital's department of obstetrics and gynecology.

***Albert P. Seltzer**, Philadelphia; Temple University School of Medicine, 1928; age 79, died August 22, 1981. Dr. Seltzer was former chief of otolaryngology at Philadelphia General Hospital, Albert Einstein

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Medical Center, and Mercy Douglas Hospital. He was professor emeritus of otolaryngology at the University of Pennsylvania.

*A. Paul Shaub, Lancaster; Jefferson Medical College, 1928; age 85, died September 6, 1981.

*J. Winslow Smith, Boca Raton, FL.; Hahnemann Medical College, 1938; age 70, died September 4, 1981. Dr. Smith was on the staffs of Hahnemann Hospital, Delaware County Memorial Hospital, and the former Haverford General Hospital.

*Harold L. Strause, Reading; Jefferson Medical College, 1928; age 77, died September 11, 1981.

*Istvan Sandor Kun-Szabo, Delanco, NJ; Orvosi Fakultás Segedi Orvostudományi, Egyetem, Szeged, 1939; died August 25, 1981. He was president of the Philadelphia Hungarian Club and an active member in Hungarian civic groups.

*Arnold H. Wideman, Philadelphia; University of Pennsylvania Medical School, 1933; age 68, died September 12, 1981. Dr. Wideman was on the staffs of Albert Einstein Medical Center's Northern Division, Rolling Hill Hospital, and Jeanes Hospital.

George W. Corner, Sr., Huntsville, AL; Johns Hopkins University School of Medicine, 1913; age 92, died September 29, 1981.

Harold Townsend Garard, Lewisburg; University of Pennsylvania, 1926; age 80, died August 23, 1981.

C. Charles Imperiale, Philadelphia; Temple University School of Medicine, 1933; age 75, died September 21, 1981.

Richard L. McAndrew, Pleasant Mount; Philadelphia College of Osteopathic Medicine; age 29, died August 30, 1981.

Stanley Pupek, Jr., Conshohocken; Hahnemann Medical College; age 71, died August 30, 1981.

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Be practical about selling your solo practice

Leif C. Beck, LLB, CPBC
Geoffrey T. Anders, JD, CPA

Dorothy R. Sweeney
Vasilios J. Kalogredis, JD, CPBC

As a senior physician approaches planned retirement from solo practice, he should recognize one asset which he may have totally ignored during his years of hard work. That asset is the considerable amount that a young doctor may pay to take over and continue a well-developed, profitable practice. The price would reflect the purchaser's expectation that such a practice will provide higher earnings than would be available as a result of similar effort. It is the "goodwill value" of the practice.

While traditionalists may object that goodwill values and practice sales contradict proper principles of medicine, medical practices in fact are being bought and sold with increasing frequency. Medical journal classified ads carry such titles as "Practice for Sale," and we know of one Californian who is in active business as a broker of medical practice purchases and sales. Ethical principles require that patients cannot really be transferred or "sold;" but, nevertheless, the office and equipment can be sold, the charts can be maintained until a patient requests otherwise and patients can be encouraged to continue with the successor as their ongoing doctor.

To the extent these actions give the successor doctor a likelihood of considerable earnings, he may pay a premium price for them. The senior doctor should be delighted to realize this "goodwill value" as he gives up his practice income, while a sensible choice of successor also assures him that his patients will most likely have good quality, uninterrupted care. The same office, nurses, and staff will be on hand; the records and routines would stay on hand; and the new doctor could be indoctrinated as to the practice's features and foibles.

How, then, should a solo physician approaching his planned retirement go about arranging to sell his practice profitably for himself and in the best inter-

est of his patients? The ideas in this article attempt to provide a format to answer the question.

Starting the search

A doctor should begin planning for his practice sale at least two years before his intended retirement date. The search for a buyer essentially is the same as the search for an associate physician, since residents and fellows will compare the entire range of opportunities at the same time. Therefore, all the ideas of recruiting for a new associate should be carefully followed in searching for a buyer.*

Those principles include initial contact when young doctors are still in their next to last year of residency or fellowship training. By the fall of their last year, many of the best young doctors already will have made commitments.

The principles also include spreading the word as broadly and as appealingly as possible. One never knows where a potential buyer may be training, and the extra cost of mailing to training programs throughout the country will be minimal. Furthermore, a memorandum describing all the good features of the physician, the practice, and the community should create more young doctor interest in the opportunity than a casually written letter of inquiry to the training chief.

One should not, however, ignore another possible type of buyer. Doctors and groups already in practice in the senior doctor's service area may wish to expand their activities. They may feel able to handle the increased patient

load within their existing structure, or they may consider the increase as an ideal way to afford adding another physician to their number.

We advise telling colleagues of one's long-range plan to bring in a successor and retire. They should be asked specifically if they are interested in taking over the practice on terms competitive with what a young doctor may offer. Since colleagues may sit back and assume they will end up with the patients anyway, even without purchase, the plan to solicit for young buyers must be pursued even as negotiations continue with interested peers. All avenues must be followed concurrently to make the result most favorable.

Starting early is important for still another reason. A practice's goodwill value declines as the seller's options diminish. At the extreme, it becomes extremely doubtful if any goodwill can be realized at all upon a doctor's death—the patients will relocate before a purchaser can be signed and started in the office. The value will similarly decline as patients learn of the doctor's impending departure and also as a potential buyer perceives there are no other doctors bidding against him.

Goodwill values are so conjectural that one physician may realize far more on his practice than another comparable doctor. Early planning and deliberate efforts to attract potential buyers long before the intended retirement date may thus mean thousands of extra dollars.

Arranging practice takeover

A practice's goodwill value will vary rather extensively depending on a group of "convertibility" factors. They tend to determine how many patients are likely to stay with the practice as the buyer takes it over—how many of the patients will be "converted".

A transfer in which the factors are well handled should result in perhaps 70 to 80 percent of primary care patients continuing with the new doctor.* Some

This is the final article in this year's series on preparing for retirement from practice. The authors are practice management consultants. Messrs. Beck and Anders and Ms. Sweeney are the principal consultants for Management Consultants for Professionals, Inc., Bala Cynwyd. Mr. Kalogredis is the principal consultant for Professional Practice Consulting, Inc., in Wayne.

*The principles of such a recruiting effort were discussed by Messrs. Beck and Anders in the October 1981 issue of PENNSYLVANIA MEDICINE.

will go elsewhere for a range of reasons, not at all meaning the buyer should feel inadequate or rejected. A poorly handled transfer may cause a loss of 50 percent or more of the patients, while an untimely death makes any "conversion" conjectural.

The most important conversion feature is a selling doctor's willingness to spend six months to a year working in tandem with his buyer. During that interim period, the doctors can present themselves as partners so the buyer's continuation would be a natural event. The period should be long enough to permit all regular patients an exposure to the new doctor, with our feeling that goodwill value decreases if less than six months of joint practice occurs.

When the new purchaser-physician arrives to start joint practice, a notice should be sent to all patients announcing his "partnership" involvement. The young doctor should thereafter be scheduled heavily so existing patients will, in fact, recognize his involvement. Then, when the senior doctor's planned retirement is perhaps one month away, a notice should be sent to everyone announcing his departure and the continuation of practice "as usual" by the buyer. While sending two such notices to an entire patient census may be costly, the expenses are worthwhile in assuring maximum conversion. The notices might thus be promised in the contract between the doctors.

The joint practice must be entered with a firm contract describing the format. A young doctor would be foolish to enter it without an absolute right to take it over at the intended date, while the senior must be assured that his effort will in fact permit his retirement on the planned date and at the expected purchase price. The senior must also protect himself that his temporary "partner" will not refuse to buy him out and instead will start his own competitive practice—he must insist on a covenant not to compete if the purchase is not accomplished.

The practice might be sold to the young doctor as of the date he starts the joint association, the senior then being employed by the buyer for the interim period. Or the purchase might be slated for the date of the senior's actual

retirement, so the young doctor is employed by the senior. Since the final sale should be contractually required in either event, this choice should not be significant. Most senior doctors prefer to remain the "owners" until they retire, but the contrary choice may help reassure a young doctor and hence fetch a higher purchase price.

Some senior doctors prefer to sell their practices but continue working for their buyers on a part-time basis. They sometimes insist on so providing in their sale contracts. While it sounds nice, however, such insistence usually interferes with the young doctor's natural desire to take over and practice on his own devices. Joint involvement for more than a year, even on a reduced basis, is not usually desirable, and it tends to depress the purchase price.

A buyer must be assured that he can continue practicing for at least one year in the same manner as before the sale. Patients tend, for example, to identify with the same office location, even if the doctor has left it. A senior doctor therefore should arrange his office lease so it may be extended for at least a year past his planned retirement. If he owns his office building, he should assure the purchasing doctor of either a continued leasehold, an option to buy the building, or both.

Continued employment of key office staff, especially nurses and receptionists who know the patients well, is another strong convertibility factor. The senior physician should attempt to structure his personnel so this expectation will exist. Similarly, the continuation of the telephone number(s), waiting room furniture, billing and insurance routines, etc., increase the likelihood of patient "conversion". All such factors should be emphasized in order to make the practice most valuable to potential buyer-doctors.

Determining the sale price

Arriving at a mutually agreeable price for one's practice is, of course, the most perplexing problem of all. The final figure simply cannot be predicted since it depends on so many considerations, including the medical specialty involved, the community and its appeal to young doctors and their families, the level of competition in the service area, the personalities of the doctors negotiating with each other, the perceptiveness of the parties' business advisors, and many other variables both eco-

nomic and emotional. These uncertainties themselves present another reason to start the effort to sell the practice several years ahead of time.

A practice essentially consists of three types of assets: so-called "hard assets," such as equipment and furniture; accounts receivable; and the package of intangible values called "goodwill".* Let us comment on each as it might be handled in a practice sale.

1. *Hard assets.* Medical equipment and office furniture certainly should be included in the practice sale. The senior doctor will have difficulty disposing of it except to the practice buyer, while the buyer should want the image of continuation which those items convey to patients. The logical price should be the actual values involved, but determining those values can be difficult.

Except in specialties like radiology and ophthalmology, used medical equipment has little or no well-defined resale market. Hence, obtaining a fair market value appraisal is essentially lending credence to someone's best guess. Furthermore, used waiting room furniture, consultation room furnishings, and the like, have even less resale marketability and are still less susceptible to appraisal.

On the other hand, hard assets' depreciated book values typically understate the items' true usefulness. Depreciation almost always is taken as fast as possible for income tax purposes, thus rapidly decreasing the remaining book values. The seller should not suggest book value as the criterion for this part of the overall sale price.

We recommend a "modified book value" approach, whereby each item of equipment and furniture is first listed at its original purchase price. An agreed overall average useful life of anywhere from ten to fifteen years would then be selected, and each item would be depreciated over that life on a straight line basis (not accelerated as for tax purposes). The result tends to produce a reasonable approximation of the hard assets' true value to a buyer, even though it seems to overvalue some items and undervalue others.**

2. *Accounts Receivable.* While an as-

*Practices that depend more on referrals for their ongoing income, e.g. surgeons and subspecialty internists, will typically have far less and perhaps even no goodwill value; but good convertibility factors and several years' lead time can give even these doctors a better buy-out.

*The office building also may be a practice asset, though we tend to segregate it as a non-practice investment. Office lease provisions, drugs and supplies, etc., either may be separately valued or included in the overall purchase.

**This method should not, however, be used by ophthalmologists whose equipment may actually appreciate in value. Their items usually can be accurately appraised by equipment dealers.

set of one's practice, it is usually best if the outstanding accounts receivable are not made part of the practice sale. They may simply be collected and deposited to the senior doctor's benefit even after he has retired.

Both parties will, however, find it valuable for the ongoing practice to continue billing and collecting the receivables for the seller. As to the new doctor, patients should not be led into thinking there is any change; continued billing from the same office will help that image. The retiring physician, on the other hand, will prefer the continuity, so his former patients think their accounts are part of an ongoing practice. Collecting is much more difficult after someone is out of business.

The purchasing doctor might agree to continue billing and collecting the seller's accounts receivable for six months to one year. Each party should have a list of those accounts, and as payments are received the list should be marked accordingly. Those payments would be deposited to a special account from which the senior doctor has power to withdraw as the young doctor's staff makes deposits. The arrangement might call for a 10 percent commission for the ongoing practice's work, or the cost of collection might be disregarded as part of the overall practice sale negotiation.

3. *Goodwill.* The uncertainty really arises in ascribing some price to the intangible, wholly subjective element of goodwill—determining what will be paid on top of the actual hard assets' valuations. During the years of physician scarcity, there was little or no goodwill value to most types of medical practices. We have testified in various courts of law, after considerable survey and research, that a number of specialties had no goodwill—no one would have "purchased" the practices involved. Young doctors could just as easily have started their own successful offices or joined groups eager for top-flight help. In effect, there was no "market".

Even when goodwill value was recognized, the figures were moderate. Many consultants used 20 percent of a year's gross income or 33⅓ percent of a year's net income as starting points for such valuations.

Now, however, previous guidelines are meaningless. The actual prices—the goodwill valuations—seem to be increasing steadily. Except for ophthal-

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mology, however, we see neither sales nor asking prices at figures approaching 100 percent of average annual gross income. That figure has too often been casually thrown out as the basic value of any professional practice, perhaps because accounting practices have often been sold at that figure, but it rarely is achieved in medicine. A doctor must determine whether his advisor(s) have any real "feel" for medical practice economics or are instead advising on unrelated experience.*

Primary care practices (family practice, pediatrics and office-based internal medicine, for example) might have asking prices ranging upwards of 50 percent of average annual gross income, although those suggestions are often rejected. Depending on the selling doctor's practice characteristics, a final figure in the range of 20-40 percent of gross (with payment spread over five years or more at moderate interest) might be the current agreed result.

Solo surgical and referral internal medicine practices will have considerably less capacity to be sold at goodwill figures. The more a practice relies on referring physicians and automatic hospital emergency room/trauma assignments, the less a senior doctor can transfer to his or her successor.

Certain specialty practices, however, present the best of several worlds. Ophthalmology not only has the ongoing patient volume of a primary care practice, but also contains the financial mul-

tiplier that highly paid surgery will be indicated in some percentage of patients. Physicians in obstetrics and gynecology should have the same higher valued financial characteristic, although to date it has come into play far less than one might expect.

In effect, then, attempts to estimate accurately a medical practice's goodwill value are fraught with overriding uncertainties. There simply is no well-defined market for buying and selling practices and no sure pricing formula. Each sale transaction is isolated from others according to the practice's unique characteristics and any doctor-buyer's particular interests.

While a truer market may develop in the future, anyone pretending to be authoritative should be considered very skeptically. This is a point of major concern among medical practice management consultants who see and hear of so many self-styled "experts" who offer what the consultants consider to be totally unrealistic valuations.

Recognizing the vagaries of the subject, we created in December, 1980, a cooperative "Goodwill Registry" as a service to medical practices and their advisors.* We ask consultants, accountants, attorneys and others involved with medical practices to become participants in the registry, promising to send us reports of each goodwill valuation experience they encounter. In turn, we collect, categorize, and evaluate those reports and provide our partici-

*We recently heard of a pediatrician being told his practice was worth five to ten times his annual net earnings, a common yardstick for commercial businesses but totally unrealistic in medical practice.

*The Goodwill Registry is available to physicians' advisors, though not to physicians directly. Write or call Ms. Martha McGinness, Administrator, 403 GSB Building, Bala Cynwyd, Pennsylvania 19004. Telephone 215-839-4368.

pants with free copies of all valuation incidents affecting any specific client matters before them. As a "market" more clearly develops for medical and dental practice sales, the registry may help identify its characteristics for all concerned.

In some cases, the uncertainty over goodwill might lead to a modification designed to help both buyer and seller achieve a fair result. Perhaps the high value suggested by the senior physician will be reasonable if the practice does, in fact, produce an agreed level of income for the buyer. But if the practice is less productive for the successor doctor, then the purchase price might have been too high. The sale price might therefore be payable over a number of years with a proviso that any annual payment will be reduced or deferred if the continuing practice's gross income falls short of agreed levels. While such an arrangement requires safeguards for the selling doctor, it might offer the young doctor enough assurance to go ahead. It might thus help make the sale.

Structuring sale price for tax purposes

Once tentative agreement has been reached on the sale price, its income tax consequences might cause both parties to agree to some revisions. We recommend, however, that the deal first be reached without regard to taxes. The true underlying economics should be identified so neither party is misled by the tax aspects.

The purchase price paid for equipment and furnishings will receive very favorable tax treatment for the young buyer-physician. He will become entitled to a 10 percent investment tax credit for his price, and the items can then be fully depreciated over five years. In effect, he can write off the purchase of hard assets over five years and get a first year tax saving through the credit.

The senior doctor will have less favorable tax results on the hard assets. While some of the price may be non-taxable, as return on his remaining cost basis, most of it probably will be taxed as ordinary income (depreciation recapture). And if he has not owned any of the items for at least seven years, he would have to repay part or all of the investment tax credit he previously took on such newer items.

Goodwill, on the other hand, is taxed much more favorably to the selling doc-

tor. Its price will typically result in a long-term capital gain* which will be taxed at no more than the 20 percent rate. The young purchasing doctor, however, will suffer because his goodwill purchase price cannot be depreciated or deducted at all.

Tax and business advisors can often use this "play" between tax treatments to restate a deal for both doctors' benefit. The young doctor's total purchase price might be increased, but the change might give him more tax credits and deductions, while reducing his goodwill price. The senior doctor might correspondingly have an increased amount of taxable income, but come out ahead because of the higher overall purchase price. And he will typically be in a lower tax bracket after retirement, so the increase will not be taxed as heavily to him as the tax saving will benefit his buyer.

The deal might also be restated by itemizing some otherwise ignored features. For example, to the extent the senior doctor will actually be asked to advise the buyer as to patients and/or routines, some of the goodwill price could be shifted to a tax deductible consulting fee. Also, if the office lease is particularly valuable, some of the goodwill might instead be attributed to "leasehold acquisition" which can be tax deducted over the remaining number of years on the lease. So long as the overall purchase price is increased to keep the senior doctor's after-tax return at least the same, such a restructuring may help the buyer and hence help sew up the deal.

The IRS naturally has an interest in such restructuring. Nevertheless, if both buyer and seller agree to revised pricing figures which are not totally unreasonable, and if the documents and both parties consistently follow those figures, the mutually expected tax treatment will almost certainly follow.

One allocation, however, is of considerable doubt. Some advisors recommend allocating much of the goodwill value to the patient medical records, after which the buyer would claim depreciation on the charts over a useful life of five to ten years. The argument is that patients tend to turn over in such a period of time, whether by death, moving out of town, or selection of a new doctor, so that the charts have no greater life

*Part of it may be non-taxable altogether to the extent he previously had bought the practice and paid for a goodwill value then.

span. While there is some logic to this argument, we know of no authority for it in actual tax law and we recommend against relying upon it. We prefer to allocate the price among features more likely to avoid successful IRS attack.

Applying sale to corporation

If the senior physician is incorporated, the planning alternatives are vastly increased. As a first choice, he might either sell the stock in his corporation or liquidate the corporation and then sell the practice as described above. We tend to prefer the first alternative (selling the corporation itself), although a young doctor's advisors may want him to obtain the practice unfettered by the corporate status.

The senior doctor might, for example, enter into a contract with his own corporation calling for him to receive deferred compensation or "separation pay" over a period of months or years after his retirement. Upon the young buyer's take-over of the corporate practice, that undertaking would be tax deductible to the corporation and hence would reduce his own taxable income. By loading much of the otherwise agreed goodwill value into it, the separation pay in effect is made deductible to the purchasing doctor. His stock purchase might thus be limited to the low book value of the hard assets, or it might be made much higher—all as a matter of structuring to meet both parties' best advantage.

Conclusion

Whereas group practices can make their own arrangements to provide for a retiring physician-member's retirement buy-out, a solo doctor has no such luxury. He can either close his practice with no particular economic return, or he can attempt to find a purchaser. As the increasing doctor supply makes successful practices more and more valuable, selling out to a young successor is becoming quite common. And the prices involved are increasing.

Selling one's practice at the best possible price, however, requires careful planning and perceptive business advice. There are no prescribed routines which will result in an assured deal. The senior doctor must start giving the project his attention several years before his intended retirement date, and then he must keep the negotiations open and well-intentioned as his advisors work out the details. □

The following is excerpted from the September, 1981, issue of The Management Consultant's Advisory. This is just one of ten articles appearing monthly. The Advisory is written and published by Leif C. Beck of Management Consulting for Professionals, Inc. Mr. Beck also authors a series of articles appearing each month in Pennsylvania Medicine.

Patient Information

SEND A WELCOMING LETTER TO NEW PATIENTS

Back in 1978, we suggested mailing patient information booklets to new patients before their first scheduled visit to an office.* The effort is a good public relations gesture while it also helps train new patients to the practice's routines and policies.

Some practices are taking a slightly different approach to patient "p.r." and training. They send a pre-prepared letter to each new patient right after the first visit. The letter begins by expressing hope that the first office visit was "a satisfactory experience" and then continues by describing the doctors and some important ideas.

For example, a letter can identify the doctor or doctors as being board certified in their specialty and thus having to be away periodically to maintain his or their skills. This can help soften the described requirement that other doctors will be substituted under your coverage arrangements. The letter can similarly explain how to reach the

doctor on call in emergencies, what to do if a call is not answered and so on.

Special policies of the practice, such as to require annual examinations or other procedures recommended by one's specialty society, can very nicely be described. And so can office policies as to cash payment at the time of visit, budget payments for large fee procedures and third party insurance arrangements.

The letter can be typed on your own typewriter and then offset printed by a local printshop. Only the patient's name and address need thus be typed in for the letter to be ready for send-out right after the first visit. Better yet, if your office has a memory typewriter the name and address can be typed in and the entire letter can be quickly run off "fresh" to each new patient.

In this day of increasing competition for the same patient population, the welcoming letter is another way to build and maintain one's practice. Established practices cannot afford to disdain such efforts just because they happen to be busy and successful. And efforts which, once established, require no doctor time and no real disruption to office routines should make good sense.

ACTION NOTE—Both as a good public relations gesture and to "train" your patients to your practice's policies, automatically send each new patient a welcoming letter after his or her first office visit.

*See "Mail Your Patient Information Booklet To New Patients", #78-11, item 7.

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Physicians-Full and Part-time — Family practice, internal medicine, emergency room medicine. Residency-trained physicians for immediately available positions with a new private corporation providing fee-for-service HOUSE CALLS for selected areas of Philadelphia and suburbs. We cover malpractice and office expenses. Projected first year income for 40 hour/week 75 K (Part-time approximately \$60/hr.) Hours flexible and choice of geographic area. Prefer graduates in above fields for full-time; senior residents or 2 years experience as general practitioner for part-time. Send resume immediately to Department 877, *Pennsylvania Medicine*, 20 Erford Road, Lemoyne, PA 17043.

Cardiovascular Thoracic Surgeon — to practice in the Pittsburgh area. Must have five years clinical experience and a strong interest in esophageal disease and tropical medicine. Must also show some interest in microvascular surgery. Applicant must be willing to travel. Reply with curriculum vitae to Department 876, *Pennsylvania Medicine*, 20 Erford Road, Lemoyne, PA 17043.

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Physicians — Consider a real change of pace! Accept a commission as an officer of the Pennsylvania Army National Guard. Serve one weekend each month and two weeks each summer. Benefits include continuing professional education, noncontributory retirement plan, military pay, and a great deal of enjoyment and satisfaction. Let the "Guard" become your hobby. Contact Lt. Col. Eugene P. Klynoot, Dept. of Military Affairs, Annville, PA 17003, telephone (717) 783-3430.

MD — board eligible or certified internist - cardiologist to associate with group in rapidly growing area in Ocean County, NJ. Salary with eventual partnership. Please send curriculum vitae to: Department 871, *PENNSYLVANIA MEDICINE*, 20 Erford Rd., Lemoyne, PA 17043.

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Pennsylvania — emergency medicine group being formed to staff emergency department of a major teaching institution in Philadelphia.

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Psychiatrist — Board certified or board eligible. Mental hospital in metropolitan area. Easy access to New York, Philadelphia, and close to Pocono resort area. Good salary with excellent fringe and retirement benefits. Residence available. Pennsylvania license required. Contact: George E. Gittens, MD, Superintendent, Clarks Summit State Hospital, Clarks Summit, PA 18411; (717) 586-2011.

Physicians — PA license required. Polk Center, for the Mentally Retarded, is looking for additional physicians to join the staff. The Center is located in Northwestern Pennsylvania, Venango County, approximately 85 miles north of Pittsburgh and 60 miles southeast of Erie. It currently houses 1275 residents and has an employee complement of 1975. Income levels for this position range from \$45,000-55,000 annually, depending upon the candidate's experience and training. In addition, all state benefits, including public liability (malpractice) insurance, are offered in this package. We are an equal opportunity employer M/F/H. To find out more about this opportunity, please write Polk Center, Box 94, Polk PA 16342, Attention: T.K. Young.

Family Practitioner — to join two-physician primary care group (NE Philadelphia suburbs). Full complement of laboratory and radiology services. Hospital privileges at 2 community hospitals. Mail current CV to Medical Director, Fairless Hills Medical Center, 515 S. Olds Blvd., Fairless Hills, PA 19030.

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Physicians — for clients in Pennsylvania, Massachusetts, and several southern states. Specialists in FP, PD, orthopedic surgery, neurosurgery, ENT, OTO, director anesthesiology, and physiatrists. Please call E.J. Mowry, (215) 348-8700.

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Orthopedic surgeon wanted — associate for well established orthopedic clinic in eastern Pennsylvania. First year, salary plus percentage. Partnership after one year. Board eligibility required. No investment needed. Write Department 709, *PENNSYLVANIA MEDICINE*, 20 Erford Road, Lemoyne, PA 17043.

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Board certified internist — 29, practicing two years desires to relocate in Pennsylvania. Seeks solo, group, partnership or buy established practice. Available July 1982. Write Department 874, *PENNSYLVANIA MEDICINE*, 20 Erford Rd., Lemoyne, PA 17043.

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DESCRIPTION: Methyltestosterone is 17 β -Hydroxy-Methylandrosterone-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **INDICATIONS:** In the male: 1. Eunuchoidism and hypogonadism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-pubertal cryptorchidism in the absence of evidence of hypogonadism. Cholestatic hepatitis with jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal disease. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. In the male: Eunuchoidism and hypogonadism, 10 to 40 mg. Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpubertal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioğlu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

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WARNING: Data supporting the use of nitrates during the early days of the acute phase of myocardial infarction (the period during which clinical and laboratory findings are unstable) are insufficient to establish safety.

PRECAUTIONS: Intraocular pressure is increased; therefore, caution is required in administering to patients with glaucoma. Tolerance to this drug, and cross-tolerance to other nitrites and nitrates may occur.

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Reference: 1. Hellerstein HK, Friedman EH. Sexual activity and the postcoronary patient. Arch Intern Med 125:987, 1970.

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Pennsylvania Medicine

Vol. 84, No. 12

DECEMBER 1981



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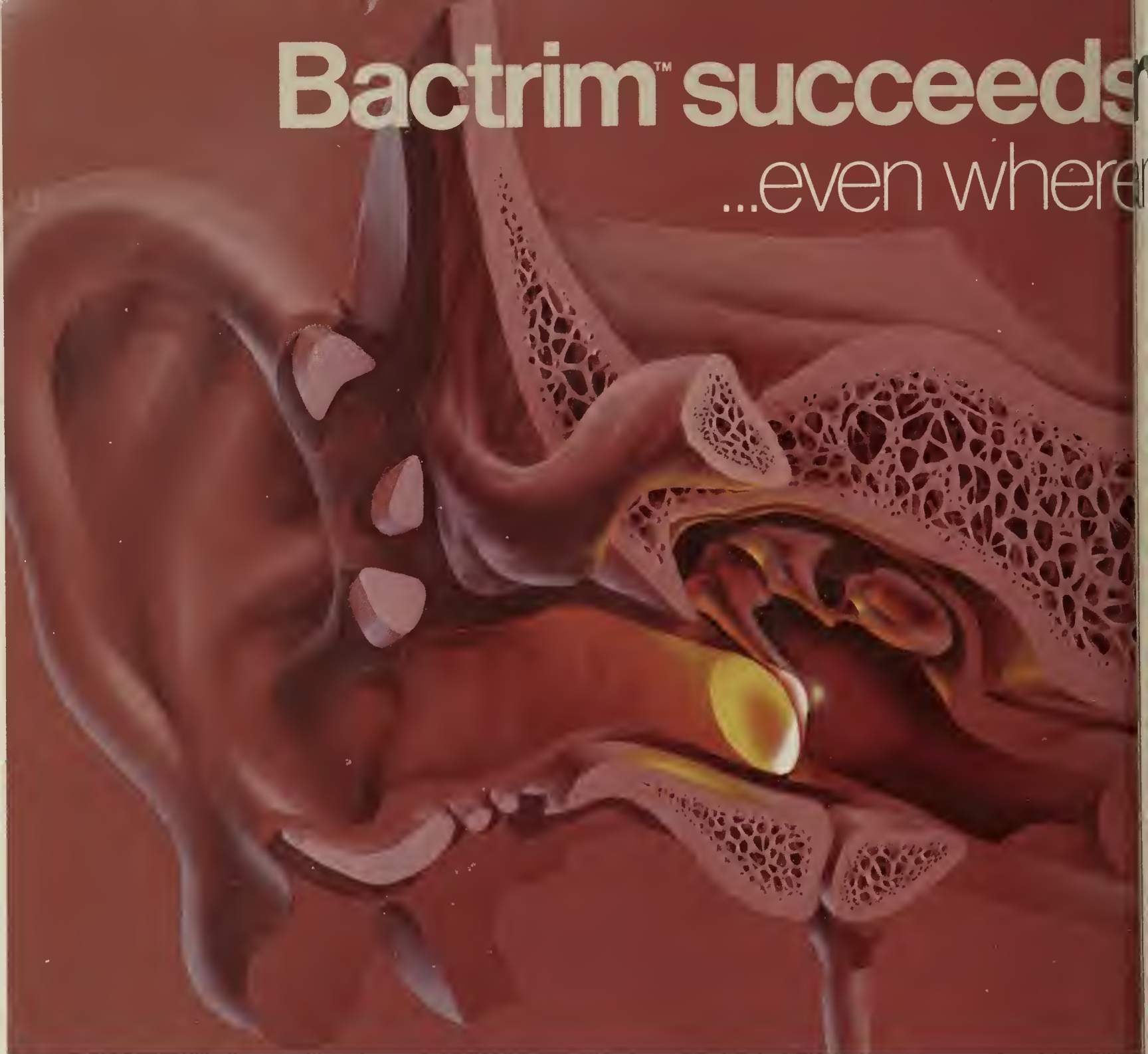
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OTOSCOPIC VIEW

Tympanic membrane
after 10 days of
ampicillin therapy,
9/14/79



Same patient
after 10 days of
BACTRIM therapy,
9/24/79



Five-year-old female presented on 9/4/79 with acute otitis media, pain, but no fever. Treated with ampicillin 250 mg P.O. *q.i.d.* On 9/14/79 tympanic membrane still bulging and yellow; no fever or pain but decreased energy and appetite. Bioassay to confirm compliance was positive for ampicillin. Case was considered an ampicillin treatment failure. Deep nasopharyngeal culture revealed heavy growth of *H. influenzae* resistant to ampicillin by disc sensitivity and beta-lactamase tests. On 9/14 therapy switched to Bactrim Pediatric Suspension 1½ teaspoonfuls (7.5 ml) *b.i.d.* Tympanic membrane no longer bulging by 9/18; movable, with normal architecture, on 9/24

n acute otitis media*

ampicillin fails

IN VITRO†

100% sensitivity. In a recent study of ampicillin-resistant *Haemophilus* isolates, 191 *H. influenzae* strains were cultured from the middle ear, nasopharynx and throat of children with acute otitis media. All 191 of these ampicillin-resistant strains proved sensitive to Bactrim *in vitro*.¹

Dual action slows resistance. Resistance to ampicillin is now estimated to occur in 18% of all *H. influenzae* isolates nationwide, with some densely populated areas reporting resistance rates of nearly 40%.² The incidence of reported *H. influenzae* or *S. pneumoniae* *in vitro* resistance to Bactrim has been minimal. Dual-action Bactrim attacks susceptible pathogens at two successive steps in their bacterial metabolism. It deprives the bacteria of folate coenzymes,³⁻⁵ and thus retards the development of resistant strains. *In vitro* studies have shown that bacterial resistance develops more slowly with Bactrim than with either component alone.

*Due to susceptible *H. influenzae* or *S. pneumoniae*

†*In vitro* activity does not necessarily correlate with clinical results

IN VIVO

93% effective. In two controlled clinical studies of children who had acute otitis media due to ampicillin-resistant *H. influenzae* or who were unresponsive to aminopenicillins, therapy with Bactrim proved successful in 25 of 27 patients—93% overall efficacy.¹

Unexcelled efficacy with B.I.D. convenience.

In a recent comparative study of 132 children with acute otitis media due to *H. influenzae* or *S. pneumoniae*, Bactrim on a *b.i.d.* dosage schedule achieved a level of efficacy unexcelled by ampicillin *q.i.d.*⁶ There was a similarly low incidence of side effects (see adverse reactions section in the product information). Bactrim also proved superior at eradicating *H. influenzae* in nasopharyngeal cultures. Bactrim is contraindicated in patients hypersensitive to its components and in infants under two months. To date, there are limited data on the safety of repeated use of Bactrim in children under two years of age. Bactrim may be administered to patients allergic to penicillins.

References: 1. Data on file, Hoffmann-LaRoche Inc., Nutley, NJ. 2. CDC warns *Haemophilus* flu is gaining in war with ampicillin. *Med World News* 21:16, 21, June 23, 1980. 3. Burman LG. *Lancet*: 1409, June 28, 1980. 4. Hitchings GH. *J Infect Dis* 128 (suppl): S433-S436, Nov 1973. 5. Bushby SRM. *J Infect Dis* 128 (suppl): S442-S462, Nov 1973. 6. Shurin PA, et al. *J Pediatr* 96: 1081-1087, June 1980.



BactrimTM Pediatric

(40 mg trimethoprim and 200 mg sulfamethoxazole per 5 ml)

suspension

succeeds with cherry flavor and B.I.D. convenience, too.

Please see summary of product information on following page.

In acute otitis media*

Bactrim™ Pediatric suspension (40 mg trimethoprim and 200 mg sulfamethoxazole per 5 ml) succeeds

*Due to susceptible *H. influenzae* or *S. pneumoniae*

Before prescribing, please consult complete product information, a summary of which follows:

Indications and Usage: For the treatment of urinary tract infections due to susceptible strains of the following organisms: *Escherichia coli*, *Klebsiella-Enterobacter*, *Proteus mirabilis*, *Proteus vulgaris*, *Proteus morganii*. It is recommended that initial episodes of uncomplicated urinary tract infections be treated with a single effective antibacterial agent rather than the combination.

Note: The increasing frequency of resistant organisms limits the usefulness of all antibacterials, especially in these urinary tract infections.

For acute otitis media in children due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over other antimicrobials. Limited clinical information presently available on effectiveness of treatment of otitis media with Bactrim when infection is due to ampicillin-resistant *Haemophilus influenzae*. To date, there are limited data on the safety of repeated use of Bactrim in children under two years of age. Bactrim is not indicated for prophylactic or prolonged administration in otitis media at any age.

For acute exacerbations of chronic bronchitis in adults due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over a single antimicrobial agent.

For enteritis due to susceptible strains of *Shigella flexneri* and *Shigella sonnei* when antibacterial therapy is indicated.

Also for the treatment of documented *Pneumocystis carinii* pneumonia. To date, this drug has been tested only in patients 9 months to 16 years of age who were immunosuppressed by cancer therapy.

Contraindications: Hypersensitivity to trimethoprim or sulfonamides; patients with documented megaloblastic anemia due to folate deficiency; pregnancy at term; nursing mothers because sulfonamides are excreted in human milk and may cause kernicterus; infants less than 2 months of age.

Warnings: BACTRIM SHOULD NOT BE USED TO TREAT STREPTOCOCCAL PHARYNGITIS. Clinical studies show that patients with group A β -hemolytic streptococcal tonsillopharyngitis have higher incidence of bacteriologic failure when treated with Bactrim than do those treated with penicillin. Deaths from hypersensitivity reactions, agranulocytosis, aplastic anemia and other blood dyscrasias have been associated with sulfonamides. Experience with trimethoprim is much more limited but occasional interference with hematopoiesis has been reported as well as an increased incidence of thrombopenia with purpura in elderly patients on certain diuretics, primarily thiazides. Sore throat, fever, pallor, purpura or jaundice may be early signs of serious blood disorders. Frequent CBC's are recommended; therapy should be discontinued if a significantly reduced count of any formed blood element is noted.

Precautions: **General:** Use cautiously in patients with impaired renal or hepatic function, possible folate deficiency, severe allergy or bronchial asthma. In patients with glucose-6-phosphate dehydrogenase deficiency, hemolysis, frequently dose-related, may occur. During therapy, maintain adequate fluid intake and perform frequent urinalyses, with careful microscopic examination, and renal function tests, particularly where there is impaired renal function. Bactrim may prolong prothrombin time in those receiving warfarin; reassess coagulation time when administering Bactrim to these patients.

Pregnancy: Teratogenic Effects: Pregnancy Category C. Because trimethoprim and sulfamethoxazole may interfere with folic acid metabolism, use during pregnancy only if potential benefits justify the potential risk to the fetus.

Adverse Reactions: All major reactions to sulfonamides and trimethoprim are included, even if not reported with Bactrim. **Blood dyscrasias:** Agranulocytosis, aplastic anemia, megaloblastic anemia, thrombopenia, leukopenia, hemolytic anemia, purpura, hypoprothrombinemia and methemoglobinemia. **Allergic reactions:** Erythema multiforme, Stevens-Johnson syndrome, generalized skin eruptions, epidermal necrolysis, urticaria, serum sickness, pruritus, exfoliative dermatitis, anaphylactoid reactions, periorbital edema, conjunctival and scleral injection, photosensitization, arthralgia and allergic myocarditis. **Gastrointestinal reactions:** Glossitis, stomatitis, nausea, emesis, abdominal pains, hepatitis, diarrhea and pancreatitis. **CNS reactions:** Headache, peripheral neuritis, mental depression, convulsions, ataxia, hallucinations, tinnitus, vertigo, insomnia, apathy, fatigue, muscle weakness and nervousness. **Miscellaneous reactions:** Drug fever, chills, toxic nephrosis with oliguria and anuria, periarteritis nodosa and L.E. phenomenon. Due to certain chemical similarities to some goitrogens, diuretics (acetazolamide, thiazides) and oral hypoglycemic agents, sulfonamides have caused rare instances of goiter production, diuresis and hypoglycemia in patients; cross-sensitivity with these agents may exist. In rats, long-term therapy with sulfonamides has produced thyroid malignancies.

Dosage: Not recommended for infants less than two months of age.

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Adults: Usual adult dosage for urinary tract infections—1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 10-14 days. Use identical daily dosage for 5 days for shigellosis.

Children: Recommended dosage for children with urinary tract infections or acute otitis media—8 mg/kg trimethoprim and 40 mg/kg sulfamethoxazole per 24 hours, in two divided doses for 10 days. Use identical daily dosage for 5 days for shigellosis.

For patients with renal impairment: Use recommended dosage regimen when creatinine clearance is above 30 ml/min. If creatinine clearance is between 15 and 30 ml/min, use one-half the usual regimen. Bactrim is not recommended if creatinine clearance is below 15 ml/min.

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Usual adult dosage: 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 14 days.

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LIABILITY INSURANCE EMERGES AS CRISIS

The cost of professional liability insurance in Pennsylvania emerged as the dominant issue at the Annual Meeting of the PMS House of Delegates November 6-8 in Pittsburgh. After two lengthy sessions of debate, delegates adopted an amended Resolution 81-6, calling for the appointment of an emergency task force to study the problem and develop a plan of action to be ready for implementation by May 1, 1982. PMS President Raymond C. Grandon, MD, has announced that the Society's newly elected vice president, John Y. Templeton, III, MD, of Philadelphia, will chair the task force, which will meet early in January.

CHANGING OF GUARD HIGHLIGHTS MEETING

The installation of Raymond C. Grandon, MD, as Society president and the advancement of Michael P. Levis, MD, to the presidency elect followed the session at which John Y. Templeton, III, MD, was elected vice president by acclamation. A Jefferson alumnus, he will succeed to the presidency in 1983. Dr. Templeton is professor of surgery at Jefferson Medical College of Thomas Jefferson University and is a consultant in both general and thoracic surgery at a number of hospitals in the Philadelphia area.

DR. CLARE ELECTED CHAIRMAN OF BOARD

David W. Clare, MD, Pittsburgh surgeon, was elected chairman of the Board of Trustees at its reorganization meeting following the Annual Meeting. He had been Board vice chairman, and acting chairman since the death of David J. Keck, MD, on October 1. Trustees elected Kenneth L. Cooper, MD, Williamsport, as vice chairman. The House of Delegates re-elected four trustees: Henry H. Fetterman, MD, Second District; J. Mostyn Davis, MD, Fourth District; J. Joseph Danyo, MD, Fifth District; and Ralph S. Blasiolo, MD, Eleventh District. Robert N. Moyers, MD, Meadville family physician, was elected trustee for the Eighth District. D. Ernest Witt, MD, speaker of the PMS House, and Donald E. Harrop, MD, vice speaker, were re-elected by acclamation. Orlo G. McCoy, MD, was re-elected and George P. Rosemond, MD, was elected to the Judicial Council. The following AMA delegates were elected: Drs. Henry H. Fetterman, John B. Lovette, Matthew Marshall, Jr., Robert N. Moyers, R. Robert Tyson, George R. Fisher, and Betty L. Cottle. Alternate Delegates are: Drs. Joseph B. Blood, Donald C. Brown, Robert J. Carroll, Charles A. Heisterkamp, Donald E. Parlee, Paul F. Kase, and Robert L. Lasher.

DELEGATES RESTATE SUPPORT
OF PMS ABORTION POLICY

The PMS policy of "no position" on abortion, adopted at the 1980 Annual Meeting, was reaffirmed by the 1981 House of Delegates. Resolutions introduced indicated confusion over PMS testimony on House Bills 1725-28, a proposed abortion control act. The Board of Trustees, at a telephone conference early this month, again voted to oppose the legislation because it establishes new rules for informed consent and sets civil and criminal penalties for physicians performing abortions. The Board reaffirmed its opposition to the proposed legislation in a letter to members of the state House of Representatives early this month. The bills, after failure to receive committee approval, are expected to reach the floor of the House by attachment to SB 742, already approved by the Senate.

HOUSE HEARS THORNBURGH
ON MEDICAID, WELFARE

Governor Dick Thornburgh told the House of Delegates that increasing medicaid payments for office visits from \$6 to \$11 partially fulfills his pledge to improve the Medical Assistance Program. But he acknowledged the need to upgrade the procedures fee schedule and asked for dialogue on that and on solutions to the problems with the MAMIS payment system. He asked for support in his efforts for welfare reform, calling general assistance "a ravenous spending program we simply can't afford to support in its present form."

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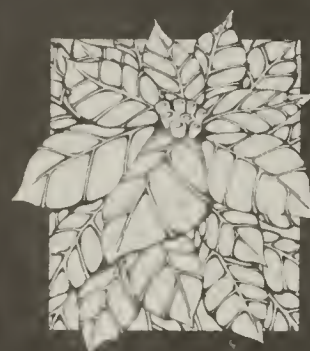
Fees for office visits by Medical Assistance patients on and after November 1, 1981 will be \$11 per visit. A delay in publication of the regulation on the \$3.00 increase caused confusion as to the effective date. The House of Delegates asked the Society's Board of Trustees to implement its Medicaid Plan of Action by April 1, 1982 if the DPW Medical Assistance claim form is not simplified by that date. The House also adopted a resolution calling for development of a contingency plan to establish private sector administration of the Medical Assistance Program if DPW is not successful in its efforts to improve the present payment system. Computer billing workshops to help physicians and their office staff members understand Department of Public Welfare billing and reimbursement began on December 7 and will continue through February 1982. The department sent a list of workshop dates and locations to all physicians early in November. For more information call the DPW Provider Education Program at 1-800-692-7383.

1982 DUES REMAIN SAME
DESPITE BUDGET INCREASE

Despite a record \$3.5 million budget, Society dues will remain the same in 1982. An active, full dues member will pay \$275. Finance Chairman Kenneth L. Cooper, MD, told delegates that inflation could drive dues up to \$400 within five years. To offset inflation, he said the Board of Trustees would explore alternative sources of income to achieve balanced financing.

Pennsylvania Medicine

**Pennsylvania
Medicine**



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Love, dignity, respect — a resolve for the new year

"We are members of one great body, planted by nature in mutual love, and fitted for social life. We must consider that we were born for the good of the whole." Seneca.

The traditional goals of medicine and the medical profession have been the maintenance of health and the preservation of life. These values are, in part, an outgrowth of early Judaic law which taught respect for human life, universal justice, and equality of all men, now more commonly referred to as the Western Ethic.

In recent years, the shift away from these long revered values has been evident especially in the areas of family and community responsibility. Family closeness seems to have diminished with neither younger nor older generations showing much respect or tolerance for one another. A rise in nursing and county home occupancy and apartments for the elderly shows a shift away from the traditional respect for or care of our elder family members. We perceive the old folks to be a burden for which we are not accountable. We rely on the government to provide where the family once did.

An over-emphasis on individual rights, a sort of self-gratification, the world owes me, attitude, is espoused. We've become an "I" society instead of a "we" society. Little attention is directed to national, community, or even individual responsibilities.

The erosion of family paved the way for government expansion into the areas of community responsibility failures. In attempting to fill this void, the government program undertakes either by legislation or regulation to ensure equality and benevolence for the poor and helpless. Thus medicare for the aged and medicaid for the poor, the contemplation of catastrophic national health insurance and even government sponsored HMOs are representative of government attention to social responsibility that has been abdicated by the family and the individual. We, as a society, demand the "right" to health for everyone without regard for responsi-

bility to correct detrimental personal habits, community public health education/preventive medicine, or individual willingness to assume increasing financial responsibility.

For physicians, these new moral values have not changed the goals of medicine, that is, maintenance of health and preservation of life, but they have made the practice of medicine more difficult. Increasing numbers of elderly people with medical needs, coupled with shortage of nursing home beds, portends a serious problem for medicine in the years to come. Disinterest in preventive medicine and the unwillingness to reform poor health maintenance and longevity laboratories at best. Societal selfishness, for medicine, has meant the necessity of documentation of all conversations and actions, a legal solution to problems often growing out of simple human error, and escalating erosion of the physician-patient relationship.

With the coming of the new year, we as a society must concentrate on a change of attitude, a reawakening if you will. We must examine what is meant by "rights" with the realization that to each right we claim is an appended responsibility which each individual in our society must accept. Mahatma Gandhi reminds us that, "Rights accrue automatically to him who duly performs his duties."

We must resolve, in the spirit of the season and throughout the rest of the year, to treat each other with love, dignity and respect. Confucius said that, "He who wishes to secure the good of others has already secured his own." We must seek to rediscover the "we" in our society, to have and be friends, to look after one another. Albert Einstein observed "Many times I realize how much my own outer and inner life is built upon the labors of my fellow men, both living and dead, and how earnestly I must exert myself in order to give in return as much as I have received."

David A. Smith, MD
Medical Editor

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General Assembly moves slowly on health proposals

As the first session of the 1981-82 Pennsylvania General Assembly draws to a close, virtually all of the proposed health related legislation remains pending.

Perennial issues—abortion, medical assistance, and professional liability insurance—caused bills to be introduced, but final decisions are yet to be made on these major issues. The subjects of other bills of interest to physicians range from look alike drugs to a statutory definition of death.

Look-alike drugs

Senate Bill 1095 has been introduced to amend the "Controlled Substance, Drug, Device and Cosmetic Act." The bill aims to prohibit the delivery of a non-controlled substance if it has the appearance of a controlled substance, e.g. caffeine pills which resemble amphetamines.

PMS supports the principle behind the bill, but would favor restricting non-controlled substances by regulations put forward by the Secretary of Health.

Following Senate ratification by a vote of 47-0, the bill was sent to the House of Representatives, where it was referred to the Health and Welfare Committee for study.

Medical examiner

A bill was introduced in the House of Representatives which would replace elected coroners with appointed medical examiners in second class counties. The bill, affecting only Allegheny County, would prevent a non-medical person from assuming the medical examiner position.

The bill has been approved by the House of Representatives and is being considered by the Senate Committee on Local Government. PMS supports its passage.

Child Restraints

Senate Bill 592 would require "child restraints in cars when transporting children of 40 pounds or less." The bill, strongly supported by PMS, would help make automobiles safer for Pennsylvania's children. Presently, automobile accidents are the leading cause of death in children in the United States.



John J. Dennehy, MD, left, chairman of the PMS Commission on Therapeutics, testifies on the look-alike drug legislation at a hearing in Lewistown. With him is LeRoy Erickson of the PMS staff.

Several states, including New York, Tennessee, Michigan, and California, have enacted similar legislation requiring safety seats for child passengers. Passage of this legislation has become a major concern for the American Academy of Pediatrics, and has been recommended by Governor Thornburgh's Interagency Task Force on Highway Safety for Children.

The child restraint proposal was approved in the Senate and reported out by the House Transportation Committee. The House of Representatives is expected to pass the measure when it acts.

Medicaid compensation

Compensation under medicaid has long been a topic of deliberation in Pennsylvania. Currently there is a bill before the Senate Health and Welfare Committee which would require the secretary of public welfare to establish compensation standards for certain hospital outpatient emergency rooms, clinics, and independent neighborhood clinics no lower than they are now.

Many physicians in Pennsylvania oppose adoption of this measure. At the heart of the problem is the inequity which exists between compensation for physician's services and hospital services.

Abortion

The General Assembly considered several abortion related bills during this session, the most significant being House Bills 1725-28, known as the Abortion Control Act.

These bills would establish a definition of "informed consent" inconsistent with the definition stated in the Health Care Services Malpractice Act (Act 111). Further, the bills would mandate changes in the administration of abortion facients, defined as "any drug or device which is known to cause the death of a unborn child when employed in the usual and customary use for which it is manufactured, whether or not the child is known to exist." The bills would also add provisions to the Judicial Code allowing a physician to be liable for wrongful death when performing an abortion inconsistent with the proposed laws and the requisite informed consent.

The package of bills was voted down in the House Health and Welfare Committee. A discharge resolution, which could bring the bills to the floor of the House despite the committee vote, is presently being circulated. The sponsors also are considering attaching them as amendments to a bill already passed in the Senate, to force a House vote on them.

The State Society, by 1980 House Delegates action, has a "no position" policy on abortion.

Death defined

Senate Bill 1092, if ratified, would be known as the "Uniform Determination of Death Act." The bill provides that a person is dead if he sustains either "irreversible cessation of circulatory or respiratory function or irreversible cessation of all functions of the entire brain, including the brain stem."

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Dr. Gehris' farewell cites local activities

Leroy A. Gehris, MD, finished his term as 1980-81 PMS president, by telling the House of Delegates, meeting in Pittsburgh November 6-8, that numerous public relations activities are being carried out by county medical societies all across the state.

Dr. Gehris said he was inspired by the activities of organized medicine. He said, "I've been on the road many days out of every month visiting some element of organized medicine. And the many good works that I have seen should be a source of great pride to all of us."

He noted that both of the state's largest county societies have launched programs to take the health care cost story to leaders of business and industry in Philadelphia and Pittsburgh.

On another front he reported that a southeastern county sponsors a very successful parenting program, a seminar which trains couples to be better parents. The program has received wide recognition and brings enthusiastic responses from participants whenever it is given.

A number of counties, he noted, have participated in the PMS-AMA jail health program, and through their participation have received favorable local press notice.

Dr. Gehris reported that in the northeastern part of the state, several county societies work together to provide panelists for a weekly television call-in series. The programs are very popular and provide excellent PR for the profession.

He said that at least a half-dozen counties have active speakers' bureaus, and one northern county has its own weekly radio program, while another participates in a telephone health information operation which has the largest tape library of its kind in the world.

Dr. Gehris cited student loan programs as another local project with public relations overtones.

"In southcentral Pennsylvania two of our counties have become active in the fight against toxic wastes, holding special meetings, and raising questions about proposed waste sites," he said.

The general practitioner from Reading, in looking toward the future, noted the increasing number of women entering medicine. He predicted that in the near future, one out of every four physicians will be a woman.



Dr. Gehris also spoke of changes in nursing. He said, "A revolution is occurring in our hospitals . . . nurses are demanding a bigger role in the delivery of health care . . . there is no way to roll back the sexual revolution nor to reverse the rising tide of nurse expectations." Dr. Gehris went on to advise, "We must not be threatened by the new types of practitioners who emerge. Instead we must be so secure in our own abilities that we can all function as a team to provide even better care."

Warning of the trend toward an aging membership in the Pennsylvania Medical Society, Dr. Gehris urged delegates to involve younger physicians in the work of PMS.

In opening his speech, Dr. Gehris voiced the concern of members over problems with the Medical Assistance program. He cited the expected November 1 increase of \$3.00 in the office visit fee and the appearance of Governor Thornburgh before the House as evidence of Society effort on the welfare issue. Dr. Gehris, noting personal experience with the DPW bureaucracy running back to his early days in organized medicine, called on welfare officials to stabilize the Medical Assistance Management Information System (MAMIS) so that physicians can become familiar with its requirements.

Copies of the speech are available from PMS on request.

On page 36 of this issue The Council on Education and Science presents a list of printed materials to help you help your patients understand the risks of smoking. Also available are signs for use in the office, buttons, and items of special interest to children.

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New president foresees era of increased PMS activity

Heralding a new era of PMS activity, resident Raymond C. Grandon, MD, delivered his inaugural address at the opening session of the House of Delegates November 6, in Pittsburgh.

"The excitement I feel comes from knowing that we are at the threshold of a new era in the history of the Pennsylvania Medical Society," the Harrisburg internist said, indicating the impact the Society's planning process would have on the direction and effectiveness of the organization.

Dr. Grandon set forth the steps that have been taken over the last year and a half by the Committee on Planning and Evaluation and recommended the approval of the mission statement and sixteen objectives submitted to the House. The most important benefit to be derived from these, said Dr. Grandon, is a more rational allocation of Society resources.

"By establishing objectives and priorities and, subsequently, goals and work plans, budgets can be developed that assure that our dues dollars are being spent wisely and that we are getting the most program for the dollar," he said.

In addition to the planning process, and in many cases in connection with it, Dr. Grandon focused on a number of specific areas and urged PMS action.

He called membership recruitment an absolute necessity if organized medicine is to grow adequately to meet the challenges facing the medical profession. Resident physicians, practicing physicians not now PMS members, and osteopathic physicians are targets for recruitment, he said, calling for innovative recruitment techniques.

Cost containment was another area addressed by Dr. Grandon. "Among the ways PMS can show its commitment to restraining costs is by renewing its emphasis on the importance of every citizen having a personal physician," he recommended, calling for a concentrated effort to educate the public about the health benefits and cost benefits of each citizen having a personal physician.

Dr. Grandon also urged that a more equitable balance be struck between reimbursement for physician's cognitive or thinking services and procedural services. Such a balance would not only contribute to cost containment efforts,



but, he suggested, "bring about a better distribution of physicians by specialty, and foster a more personalized, prevention-oriented form of medical care delivery."

In the area of specific legislative activity, Dr. Grandon recommended that PMS and the Pennsylvania Osteopathic Medical Association explore the advisability of combining their two separate state boards.

He also recommended that PMS press for the passage of legislation that would create a mechanism in state government for determining which nonphysician health care providers should be licensed and which registered.

"Although the differences between licensing and registering," said Dr. Grandon, "might seem merely semantic, it can in fact be substantial and of great significance for maintaining a quality health care system. It can be the difference between allowing various health care personnel to set up shop independent of any doctor supervision and protecting doctor control over health care."

Noting that specialty societies continue to increase in importance as components within PMS, Dr. Grandon recommended a review of criteria for specialty representation in PMS as a means for increasing this liaison. He said, "We cannot effectively operate as the one voice of Pennsylvania physicians without ongoing and effective liaison between PMS and specialty organizations."

Dr. Grandon also urged PMS, in cooperation with the specialty societies, to explore the consulting relationships between the specialties, as well as between subspecialties. "In the not so distant past," he said, "the role of the consulting physician was reasonably well-defined and circumscribed. Recently, this once clear-cut distinction has become blurred and has led to disharmony between physicians and additional expenses for patients. We need to eliminate this potential source of conflict within the profession."

Other recommendations made by Dr. Grandon to the House were:

- that there be an increase in personal contracts between Society officers and staff and the personnel of DPW, HHS, the State Health and Insurance Departments, Pennsylvania Blue Shield, and other third parties.
- that PMS develop a closer working relationship with the Hospital Association of Pennsylvania to increase the dialogue between the two organizations for the mutual benefit of promoting medical staff and hospital administration and board relations.
- that PMS conduct a re-evaluation of PAVE (the Pennsylvania Voluntary Effort) as well as develop additional or alternative sources of action for PMS to follow to show its desire to keep medical costs at a reasonable level.

Copies of Dr. Grandon's address are available from PMS on request.

Pharmacists urge tighter security on prescription blanks

Pharmacists of Pennsylvania are concerned about the use of stolen and counterfeit prescription forms to obtain dangerous drugs for illicit purposes.

The 1981 House of Delegates of the Pennsylvania Pharmaceutical Association (PPA) adopted a resolution outlining means available to slow down, or bring to a halt, the use of stolen or copied prescription forms.

Richard T. Englehart, RPh, president of the Pennsylvania Pharmaceutical Association, and John A. Gans, PharmD, in a letter on the resolution, have asked physicians to cooperate with pharmacists when they question prescriptions. In their letter to PMS, they said pharmacists "are not in a position to act as law enforcement agencies," so their only recourse is to check with the physician on the authenticity of a suspect prescription." They requested the cooperation and understanding of Pennsylvania physicians.

In addition, the PPA resolution suggests several means to avoid the diversion of prescription forms for illegal purposes. They include:

1. The use of a "water mark" paper for prescription blanks, which would make reproduction impossible;

2. The use of bank paper (such as that used for checks) both to prevent reproduction and minimize the possibility of changing the amounts prescribed;

3. Tight security on hospital prescription blanks, with individual physicians using their own imprinted blanks even

when writing prescriptions for hospitalized patients.

4. The use of the hospital two-blank prescription system for other legend drugs, including Schedules III to V, with blanks for Schedule II substances checked out in bulk to each physician;

5. Provision by hospitals to physi-

cians of plastic ID cards which must be used along with the prescription in an imprinting machine.

The suggestions for tighter security and greater cooperation were approved by the PPA House of Delegates, which requested PMS to inform its members of the action.



Home study in risk management is one facet of the educational activity of the Pennsylvania Medical Society Liability Insurance Company (PMSLIC). J. Joseph Danyo, MD, right, chairman of the PMSLIC Committee on Risk Management, presents a Continuing Medical Education certificate to Kenneth B. Conner, MD, of Camp Hill, for his participation in the Medical-Legal Correspondence Course. Dr. Conner was among approximately 600 PMSLIC-insured physicians who participated in the 12-hour home study program. The course originally was offered only to PMSLIC insureds, but now has Board approval for distribution to all Pennsylvania Medical Society members through the PMS Department of Educational Activities.

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practice management

Revenue ruling helps solve partnership of PCs problem

Leif C. Beck, LLB, CPBC
Geoffrey T. Anders, JD, CPA

Earlier reports discussed the uncertainty of last December's "Miscellaneous Tax Act of 1980" created for so-called "partnerships of professional corporations (PCs)." That new law required that all the entities affiliated in such an arrangement must be treated as a single employer for retirement plan purposes. Therefore, one doctor wanting to adopt a very high contribution "defined benefit" pension plan for himself through his separate corporation could have been restricted if his separately incorporated partner(s) and the lay staff (in their separate partnership) were to have much lower contribution plans.

The confusion had led most tax advi-

sors, including us, to recommend delaying any plans to move into a partnership of PCs arrangement. Recently, however, the IRS issued a new and public ruling which should help resolve the uncertainty.

In Revenue Ruling 81-202, the Service dealt with a situation of several affiliated employers adopting different retirement plans. One of them adopted a "defined benefit" pension plan which required rather considerable contributions for its several older key employees. The other corporation adopted a "defined contribution" plan (a money purchase pension plan or a profit sharing plan) calling for a specific annual contribution level.

The ruling held that both plans would qualify for favorable tax treatment if they could be found actuarially fair to each other. Therefore, if the "defined benefit" plan could have its required contribution rate, based upon actuarial evaluation as directed in the ruling, essentially equal to that of the defined contribution plan, then both plans would qualify. Or in the alternative, if the actuary calculated the expected benefits (as each employee in the defined contribution plan reaches age 65) to be equal to those promised in the defined benefit plan, both plans would qualify.

While complicated to describe, the underlying concept is fairly simple. Each plan of such group will be qualified so long as it is fair to lower-paid employees either as to the contribution rate or as to the finally promised pension benefit. An actuary must take each plan and demonstrate the common nondiscriminatory result.

We believe the actuarial problem will be relatively simple to handle. A creative actuary should be able to recommend a mix of plans that will fairly satisfy the IRS and each doctor's concern over nondiscrimination. By showing the way for the solution, Revenue Ruling 81-202 really opens the way for those partnerships of PCs which have been "on hold."

A partnership of professional corporations is a unique approach, allowing several doctors in a group practice to satisfy their different retirement plan preferences. Although expensive of legal, accounting, and actuarial fees, it may be the one solution to what is otherwise an unsolvable problem. It must be created with particular care and attention to detail. While these reservations should be critically considered by doctors interested in the approach, Revenue Ruling 81-202 has removed a major obstacle.

The authors are the principal consultant/attorneys for Management Consulting for Professionals, Inc., Bala Cynwyd.

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For further information write to Millie K. Fleetwood, Ph.D., Geisinger Medical Center, Danville, PA 17821 or telephone (717) 271-6692, 24-hour answering service available.

The following is excerpted from the September, 1981, issue of The Management Consultant's Advisory. This is just one of ten articles appearing monthly. The Advisory is written and published by Leif C. Beck of Management Consulting for Professionals, Inc. Mr. Beck also authors a series of articles appearing each month in Pennsylvania Medicine.

Scheduling

TRY SOME "WAVE SCHEDULING" TO KEEP PATIENTS ON TIME

Most doctors' office hours are on a so-called "stream" approach whereby patients are scheduled in equal intervals throughout each office session. Thus a doctor may be committed to see patients at 9:00, 9:10, 9:20, 9:30 and so on regardless of the variations among those patients. Little wonder, then, that late arrivals and time-consuming patient problems compound themselves as the day progresses.

An alternative appointment approach is known as "wave scheduling." It calls for scheduling a number of patients at one time and none in the succeeding time slots on an expectation that the visits will average out in time usage. While some physicians and staff members have resisted the approach saying "It won't work for us," we have seen

it successfully applied by a variety of practices.

There is no single, magic wave schedule appropriate for all offices. Each practice, and even each doctor within the practice, is different and should create a schedule that fits the circumstances. Some elements of the wave concept should be useful to most doctors, and efforts to find the right patterns can reap a variety of rewards. Waves can be used for some hours of some days, while different waves or none at all could be scheduled for other hours. At any rate, there is little excuse in not experimenting with the many possibilities.

One often successful wave approach uses the following guidelines:

1. Determine how many patients can and should be seen in each hour (which could be different for different hours)
2. Schedule half of each hour's patients at the beginning of each hour
3. Spread the other half of those patients through the second half of the hour

Under this guideline, a doctor wishing to see six patients in his first morning hour might have three scheduled for 9:00, two at 9:30 and one at 9:45.

ACTION NOTE—Try various "wave scheduling" approaches to make your office hours accommodate patients on time; set up a routine for certain hours, evaluate its success and continue experimenting until the most effective pattern is developed.

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Obscure Causes of Sexual Dysfunction

Ilda V. Ficher, PhD

Talia Eisenstein, PsyD

Together with the proliferation of sexual information in recent years, primarily in the mass media, expectations for sexual satisfaction by both men and women have risen. As these expectations have often not been realized there has been a heightened interest by members of the medical and mental health professions in the area of sexual function and dysfunction. An area of sexual functioning that still requires a great deal of research pertains to the interplay of drugs and certain illnesses on such functioning. One possible reason for the paucity of information on this aspect of sexual behavior is the complexity of the physical and mental functions that impinge on these behaviors. For example, the response to illness and drugs is a result of the various combinations among many factors: the pharmacological effect of the drug, the dose, the individual's emotional state and his personality characteristics, the person's expectations of what the drug or illness will do and his/her relationship with the partner, to name but a few. Because we are dealing with a complex system, the drug or illness constitutes one more variable and it is not unusual to observe that the same drug or physical condition may affect sexual functioning differently in each individual.

The purpose of this article is to provide a comprehensive review of the drugs and illnesses reported to affect human sexual functioning.

Physical conditions

Undoubtedly, any medical condition has the potential to affect negatively the sexual response. It is beyond the scope of this article to list every disorder and its possible involvement with sexual behavior. What follows is an attempt to outline both common and uncommon conditions which may affect

sexuality and to highlight the necessity for considering sexual dysfunction as a possible byproduct of organic conditions.

It is a commonplace that any systemic disease, general ill health or chronic painful illness will disrupt an individual's normal sexual response. When pain is felt, erotic behavior is not considered. Thus, both men and women will experience diminished sexual interest with pulmonary, renal, cardiac, and degenerative diseases. Malignancies and infections will also cause a general debility and loss of interest in sexual involvement. In addition to loss of libido, the erectile capacity of men often will be affected although this may not be true of their ejaculatory response.

Any endocrine disorder such as hypothyroidism, Addison's disease, chromophobe adenoma, hypogonadism, hypopituitarism, craniopharyngioma, obesity, Cushing's disease, Klinefelter's syndrome and diabetes mellitus may decrease libido and impair erection in men and arousal in women. Because an effective androgen level is a necessary component for sexual functioning, any medical procedure, illness, or medication which reduces that effective level

will also diminish sexual interest in both men and women (Kaplan, 1974).

While damage to the brain's higher sex centers are seldom involved in neurological disorders (other than frontal and temporal lobe involvement through tumors, trauma, epilepsy), there are numerous conditions which interfere with the nerve supply to the reproductive organs, and therefore, produce sexual problems. Examples of damage to lower neurological apparatus include tabes dorsalis, parkinsonism, spina bifida, malnutrition and vitamin deficiency surgery or trauma of sacral or lumbar cord, cauda equina, pelvic parasympathetic nerves, and multiple sclerosis (Reckless & Geiger, 1978). Whenever the peripheral sensory nerves from the genitals or the sympathetic, parasympathetic and somatic motor nerves to the genitals are involved in an organic condition, impairment of the sexual response should be considered (Kaplan, 1974). While libido generally remains unaffected, both erection and/or ejaculation may be affected in men and orgasm or general arousal in women.

Vascular diseases generally will impair the male sexual response. Those diseases which might interfere with the blood supply of the penis will cause impotence, although ejaculation and libido will remain unaffected. Examples of such vascular diseases are thrombotic obstruction of the aortic bifurcation, thrombosis of veins or arteries of the penis, leukemia, sickle cell disorders and trauma (Kaplan, 1974).

In addition, men are susceptible to a number of surgical procedures which might impair their erectile capacity because of damage to the nerve supply to the genitals. Procedures such as prostatectomy, abdominal-perineal bowel resections, or lumbar sympathectomy may become involved with sexual dysfunction. Sexual desire is not affected.

Dr. Ficher is professor and director of the Van Hammett Psychiatric Clinic, Department of Mental Health Sciences, at Hahnemann Medical College and Hospital. Dr. Eisenstein is senior instructor in the Department of Mental Health Sciences at Hahnemann Medical College & Hospital. This is the fourth article in a series on office counseling for primary care physicians. The series is edited by Robert J. Nathan, MD, professor in the mental health sciences department at Hahnemann. The series is a project of the departments of psychiatry of the state's seven medical schools in cooperation with the Pennsylvania Psychiatric Society.



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For women, damage to sexual organs with a poor episiotomy, obstetrical trauma and poor hysterectomy will impair the sexual response although libido will remain intact; painful intercourse also may result.

Finally, any condition which produces pain with intercourse or stimulation will affect the sexual response negatively. Local genital disease is particularly suspect. For men, libido may be decreased and impotency caused as a result of priapism, chordee, penile trauma, Peyronie's disease, balanitis and lower back pain. Impotence and secondary premature ejaculation may result from urethritis, prostatitis and urethral pathology. Women may experience painful intercourse and subsequent loss of interest and responsiveness from vulval and vaginal pathology such as imperforate hymen, hymenal tags, infection, vulvitis, leukoplakia, or post-irradiation vaginitis. Pelvic pathology, such as pelvic inflammatory disease, endometriosis, fibroids, pelvic masses, uterine tumors, ovarian tumors and cysts may result in the same dysfunction (Kaplan, 1974).

Organic conditions, then, may affect the human sexual response in innumerable ways. Sexual functioning may be altered due to injury to the sexual organs or to their nervous or vascular supply. Androgen levels may be diminished by disease, or other endocrine disorders may be the cause of changed sexual response. Local genital disease also may affect negatively sexual functioning. Finally, any illness, with its concomitant feelings of pain and debility will alter libido and erection/arousal.

Drugs and sexual functioning

Just as there are countless medical conditions which may affect the sexual response of both men and women, innumerable drugs may be another possible source of sexual dysfunction. However, establishing that a particular drug prescribed to a particular individual is the cause of his dysfunction is difficult because his response is the result of an interaction among many variables. Some of the variables previously mentioned include, but are not limited to, the specific action of the drug, the dosage, the person's mind-set about the drug, relationship with partner and personality makeup. Because the drug is only one factor of many, two individuals taking the same drug may experience different

effects on their sexual functioning depending on the other variables.

Added to the difficulty in assessing sexual dysfunction are gender differences. The preponderance of research involves the male sexual response. There is little research that adds to our understanding of the effects of drugs specifically on female sexual behavior. In 1979, Horowitz and Goble intended to review drug-induced sexual dysfunction in both sexes. They found, however, little reliable information concerning the effects of drugs on female sexuality, with the exception of the influence of oral contraceptives. They highlight the urgent need for major investigations in this area.

Of those drugs which may impair the sexual response, the most common, perhaps, and least considered as a possible culprit, are the "socially acceptable" drugs which act on the brain. The largest class of these is alcohol. While many people might report an initial increase in sexual desire following alcohol intake, this often is the result of the disinhibiting effects of the alcohol over their behavior. However, more alcohol than the initial amount, reducing inhibition, results in a general depression of the central nervous system and will decrease libido as well as the sexual response (Horowitz & Goble, 1979). Since each person's tolerance for alcohol is variable depending on the amount ingested, the alcohol content, mood, food intake, and body weight, a careful history of alcohol intake is an important part of any assessment of sexual dysfunction.

People throughout the centuries have searched for drugs which increase sexual satisfaction. Most of these are now classed as illicit social drugs. While there are many anecdotes about the wondrous effects of opiates, amphetamines, cocaine and hallucinogens on sexual pleasure, there is little objective evidence to support these stories. As with alcohol, the initial disinhibition might seem to increase sexual pleasure, but long-term use seriously impairs sexual functioning (Hollister).

Other drugs which act on the brain include estrogens for replacement therapy in post-menopausal women and in men with prostatic cancer. While estrogen does not increase libido, and may decrease it, such therapy increases the estrogen level in post-menopausal women, restoring the vaginal mucosa and musculature necessary for sexual

functioning (Kaplan, 1974). Adrenal steroids for allergic and inflammatory disorders, aldactone for edema and aldactazide for hypertension are all antiandrogen substances which may decrease libido and the sexual response.

Most of the drugs which act on the genitals do not decrease libido but do impair the sexual response. The anticholinergic drugs, such as banthine, probanthine and atropine, which are often used to treat peptic ulcers, dyskinesias, or ophthalmologic disorders, may cause impotence (Reckless & Geiger, 1978). Antiadrenergic drugs used to treat hypertension and vascular disorders may cause erectile and ejaculatory problems. While these drugs often do not decrease sexual desire, Serpasil® (Ciba), an antihypertensive drug, has been known to produce a psychomotor depression in some individuals, including loss of libido and erectile capacity (Kaplan, 1974).

Initially, the effect of psychotropic medication seems to be an improvement of sexual functioning. In improving the overall functioning of the individual, these drugs may positively affect indirectly his sexual response. As a byproduct of improving the person's psychic state, the phenothiazines may increase sexual responses. However, they have also been reported to cause decreased libido, impotence, and inhibition of ejaculation (Segraves, 1977). The butyrophenone, Haldol® (McNeil), also has been reported to cause impotence (Kaplan, 1974).

The anti-anxiety drugs seem to have no direct effect on sexual functioning but may increase sexual interest as the anxiety becomes more manageable. However, both increases and decreases in libido have been reported with these drugs (Kaplan, 1974).

The tricyclic antidepressants, monoamine oxidase (MAO) inhibitors, and lithium carbonate all may improve sexual interest and performance as the individual's mood is better regulated. As with the other psychotropic medications, there are reports of impaired erectile capacity by some men taking these medications (Segraves, 1977).

It is beyond the scope of this article to list every illness and drug and their known effects on sexual behavior. However, the previous discussion highlights the need for both the physician and the therapist to complete a detailed medical, sexual, and family history on any patient presenting with a sexual com-

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plaint. While Strauss' (1950) estimate that 90 percent of all impotence is psychogenic in origin is often quoted throughout the literature, we are finding that there is a higher percentage of organically based impotence, particularly with certain illnesses. For example, impotence is frequently the first clinical manifestation of diabetes. When a man presents with this symptom, a careful medical screening should be completed.

Clinical Example

A clinical example derived from our experience in working with sexually dysfunctional individuals will illustrate the complex interplay of physical, pharmacological and emotional factors in sexual functioning.

Mr. and Mrs. D. were referred for treatment by his physician. They had been married for 31 years. Mr. D. was a 54 year old successful professional. Mrs. D. has spent her married life raising their three children (two girls and a boy) and volunteering her time to many charitable organizations.

The couple reported having an excellent marital relationship, except for Mr. D's recent problem with secondary impotence. Both husband and wife dated the beginning of his dysfunction approximately 14 months prior to seeking treatment. When the problem first manifested itself, Mr. D., who had been taking hypertensive medication for the past four years, consulted his internist. The physician ordered a change of medication which did not relieve the dysfunction. It was at this point that he referred Mr. and Mrs. D. for therapy.

No major pathology was observed during the initial evaluation. The couple appeared to enjoy a loving, caring relationship. Mrs. D. did not report sexual dysfunction. While there might be elements in the psychiatric history of each of the partners and in their relationship that could be interpreted as indicative of unconscious intrapsychic conflicts, these issues were not taken up during therapy sessions.

While the dysfunction began with Mr. D's inability to obtain any erection, by the time the couple sought treatment, he was obtaining erections but was losing them during foreplay. Because of their long history of a stable marital relationship, the treatment initially focused on factors which may have led to the initial difficulty. Exploration revealed that the initial impotency oc-

curred within a month after the youngest child's departure for college. While Mr. D. was no longer depressed, it was apparent that he had experienced a deep sense of loss when his son left the parental home. They had a very close relationship and his absence was keenly felt by Mr. D. It is not unusual for secondary depression to appear as a reaction to impotency; however, because primary depression can cause erectile difficulties, it is important for the therapist to determine the onset of the depression and the onset of the erectile difficulties.

The symptoms that began as a result of a period of depression continued due to Mr. D's increasing anxiety about his ability to perform sexually. Once Mr. D. was able to express his feelings of sadness and loss and connect them with his initial symptom, treatment appeared relatively simple. Resistance to the sexual assignments were minimal and the couple were confronted directly with the consequences of their reluctance to participate in the exercises.

Treatment consisted of 12 consecutive weekly sessions. The couple reported overall success in treatment. Mr. D. attained good erectile control. They reported no difficulty on follow-up six months later.

Conclusion

The case presented emphasizes the need to explore all possible etiologies of the sexual dysfunction. The therapist, when confronted with a sexual complaint, should be aware of the patient's illnesses and the medications he is taking. If necessary, working closely with the patient's primary physician in exploring various alternatives might provide more effective treatment for the patient. In addition, sexual symptoms, such as impotence, may be the initial sign of a serious physical illness, such as diabetes. In such a case, careful medical screening is necessary.

The physician needs to be cognizant of the extent to which illnesses and drugs may affect human sexual functioning. Being sensitive to the ramifications of a sexual dysfunction on the marital relationship and, therefore, on the family's functioning, is important. Because a patient is often embarrassed about sexual problems, he may be reluctant to discuss his concerns with his doctor. It behooves the physician to inquire about his patient's sexual behavior as a routine part of his examination.

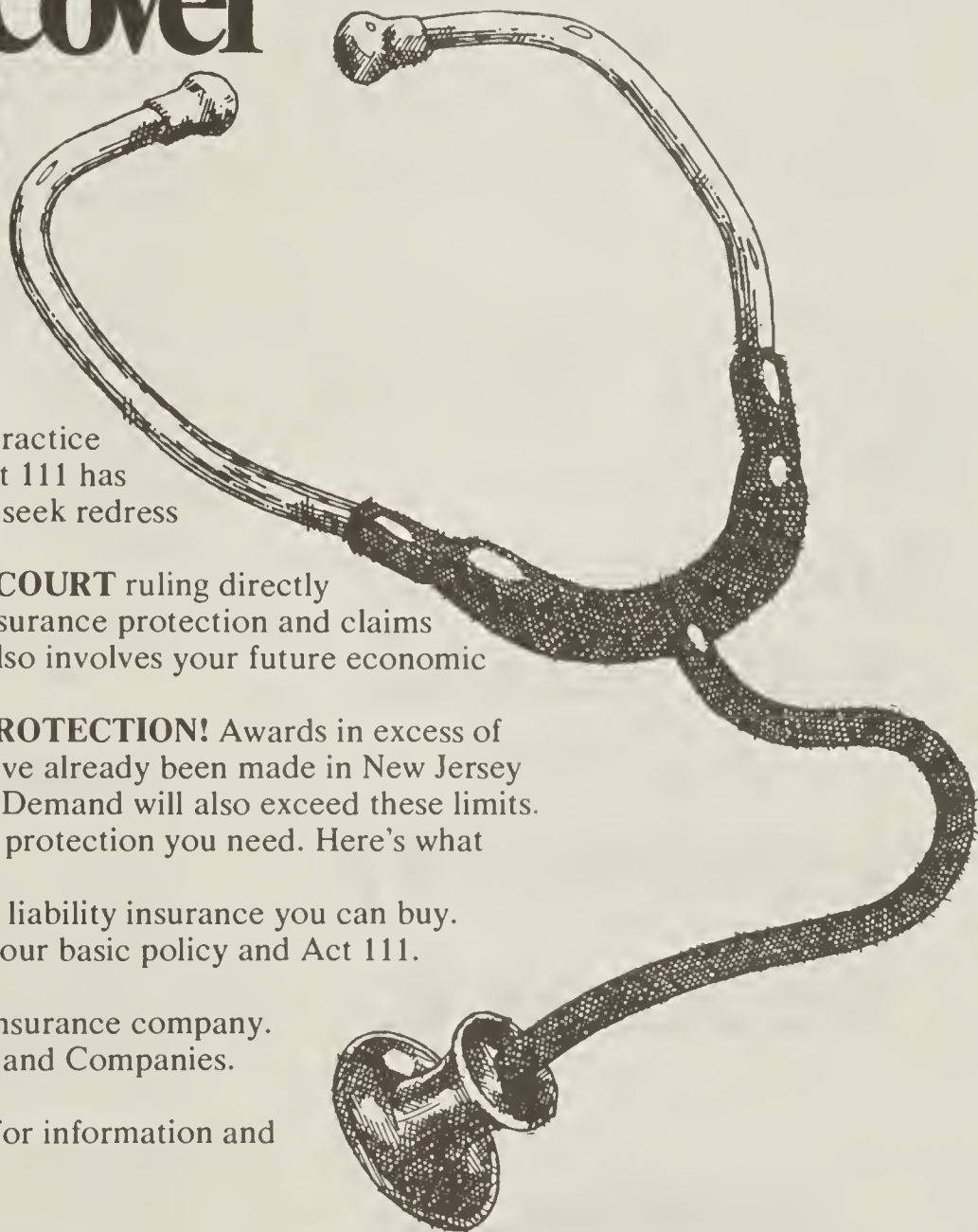
Not to inquire about sexual functioning increases the possibility of patient non-compliance. For example, a patient prescribed an anticholinergic medication for his ulcer may experience erectile difficulties. Due to his inhibition about discussing his sexuality, the patient may stop taking the medication without exploring possible alternatives. When a sexual dysfunction affects the individual, his marriage and his family, therapy should certainly be considered as a serious option both to rule out a psychogenic etiology and to restore the family's functioning.

Any sexual dysfunction may have multiple etiologies and it is often difficult to assess the relative contribution of an illness, a drug, the individual, or his marital relationship to the dysfunction. For instance, a post-coronary patient may be experiencing sexual problems due to his medication, his own fears of resuming normal activity, his partner's anxieties about his health, or the stress of being seriously ill. Further investigations are needed to clarify the relative role of each of these variables. Both the physician and the therapist who view a sexual dysfunction as the possible combination of many factors will be in a better position to provide the patient with the treatment necessary to restore adequate functioning. □

References

- Angrist, B. and Gershon, S. Clinical Effects of Amphetamine and L-Dopa on Sexuality and Aggression. *Comprehensive Psychiatry*, 1976, 17, 715-722.
- Arato, M., Erdos, A. and Polgar, M. Endocrinological changes in patients with sexual dysfunction under long-term neuroleptic treatment. *Pharma Kopsychiat*, 1979, 12, 426-431.
- Ellenberg, M. Impotence in diabetes: The neurologic factor. In J. LoPiccolo and L. LoPiccolo (Eds.), *Handbook of Sex Therapy*. N.Y.: Plenum Press, 1978.
- Freedman, J. M. Sexual adjustment of the postcoronary male. In J. LoPiccolo and L. LoPiccolo (Eds.), *Handbook of Sex Therapy*. N.Y.: Plenum Press, 1978.
- Hollister, L. E. Drugs and sexual behavior in man. *Life Sciences*, Vol. 17, 661-668.
- Horowitz, J. D. and Goble, A. J. Drugs and impaired male sexual function. *Drugs*, 1979, 18, 206-217.
- Kaplan, H.S. *The New Sex Therapy*. N.Y.: Brunner/Mazel Publishers, 1974.
- Kotin, J., Wilbert, D. E., Verberg, D. and Soldinger, S. M. Thioridazine and sexual dysfunction. *American Journal of Psychiatry*, 1976, 133(1), 82-85.
- Mills, L. C. Drug-induced impotence. *American Family Physician*, 1975, 12(2), 104-6.
- Murray, M.A.F., Bancroft, J.H.J., Anderson, D. C., Tennant, T. G., and Carr, P. J. Endocrine changes in male sexual derrants after treatment with anti-androgens, oestrogens or tranquilizers. *Journal of Endocrinology*, 1975, 67, 179-188.
- Reckless, J. and Geiger, N. Impotence as a practical problem. In J. LoPiccolo and L. LoPiccolo (Eds.), *Handbook of Sex Therapy*. N.Y.: Plenum Press, 1978.
- Segraves, R. T. Pharmacological agents causing sexual dysfunction. *Journal of Sex and Marital Therapy*, 1977, 3(3), 157-175.
- Strauss, E. B. Impotence from the psychiatric standpoint. *British Medical Journal*, 1950, 1, 697.

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obituaries

• Indicates PMS membership

• **Cornelius P. Brink**, Chambersburg; Cornell University Medical College, 1935; age 72, died October 5, 1981. Dr. Brink was a member of the staff of the Chambersburg Hospital.

• **Frank E. Fierro**, Mt. Pocono; New York Medical College, 1933; age 74, died October 5, 1981.

• **Peter D. Galamaga**, Malvern; Hahnemann Medical College, 1942; age 62, died October 20, 1981.

• **Rudolph K. Glocker**, Royersford; Jefferson Medical College, 1933; age 76, died September 29, 1981. He was a past president of the Montgomery County Medical Society and a member of the Berks County Medical Society.

• **Guiseppe G. Gumina**, Reading; University of Messina, Sicily, Italy, 1958; age 50, died October 5, 1981. Dr. Gumina was chief of orthopedic surgery at the Community General Hospital.

• **Herbert R. Hawthorne**, Bryn Mawr; University of Pennsylvania School of Medicine, 1919; age 87, died October 4, 1981. Dr. Hawthorne was emeritus professor of surgery at the University of Pennsylvania School of Medicine, and former chairman of the Department of Surgery at Graduate Hospital.

• **Roger L. Hughes**, Clearfield; Jefferson Medical College, 1942; age 65, died October 17, 1981. Dr. Hughes was a past president of the Clearfield County Medical Society and the Clearfield Hospital Medical staff.

• **Helen H. J. Peterson**, Hamburg; Women's Medical College, 1942; age 66, died October 17, 1981. She had served on the staff of Community General Hospital and Kane Community Hospital.

• **Charles A. Pryor, Sr.**, Panama City, FL; Jefferson Medical College, 1915; age 90, died October 1, 1981. Dr. Pryor was an eye, ear, nose and throat specialist.

• **John B. Reddy**, Philadelphia; New York Medical College, 1942; age 66, died September 8, 1981. Dr. Reddy was a former professor of otolaryngology at Jefferson Medical College of Thomas Jefferson University.

• **Charles P. Sell**, Allentown; Hahnemann Medical College, 1936; age 79; died October 4, 1981. Dr. Sell was past president of both the Lehigh Valley Heart Association and the American Heart Association Pennsylvania Affiliate.

• **Edward L. Sutton, Jr.**, Butler; University of Pittsburgh School of Medicine, 1943; age 65, died August, 1981. Dr. Sutton served on the faculty of the University of Pittsburgh School of Medicine, in the Department of Dermatology.

David R. Faringer, Jr., Salfordville; Hahnemann Medical College; age 66, died September 26, 1981.

William H. Horwitz, Washington, NJ; Johns Hopkins Medical School; 1938; age 68, died October 6, 1981. Dr. Horwitz was a psychiatrist at the Monroe County Mental Health Clinic in Stroudsburg.

Thomas H. Powick, North Coventry; Hahnemann Medical College; age 90, died September 26, 1981.

Elmer L. Straub, Ridley Park; University of Pennsylvania School of Medicine; age 84, died September 24, 1981. Dr. Straub, an internist, was on the medical staff of the Veterans Administration.

Statute of limitations means 'be reasonable'

Daniel J. Menniti, PhD, JD

One important aspect of negligence law with which physicians should be familiar is the statute of limitations. This statute requires that those who believe that they have been injured by the negligence of another are obliged to pursue litigation with reasonable diligence. In general, a complaint must be filed within a reasonable time. The statute of limitations for personal injury actions in Pennsylvania is two years.¹

From the plaintiff's point of view, the statute of limitations is one of the most cruel of legal technicalities, in that two years from the time in which the cause of action accrued, a complaint must be filed or else the right to file is forfeited. Even if the complaint is not filed because of the dilatory conduct of an attorney, the plaintiff is still precluded from filing.

The policy reasons behind this are, simply stated: "1) the right should be enforced without unreasonable delay; 2) after a certain period of time a defendant should have repose and should be spared from defending against a stale claim; and 3) it is wasteful to use judicial resources to decide stale claims on stale evidence."²

On the other hand, Pennsylvania courts hold that the reckoning of the two years is a question of fact and can be, and often is, determined by juries on the accepted premise that "the injury is considered done, for the act heralding a possible tort inflicts a damage which is physically objective and ascertainable."³

In view of this, from the defendant's point of view, the statute can and does create difficulties especially in deter-

mining when it begins to run.

A recent federal case applied Pennsylvania law on the statute of limitations and clarified its application.⁴ The case concerned itself with the claims of the estates of seven workers who suffered damage by prolonged exposure to asbestos. The defendants, suppliers of asbestos, asserted that the statute of limitations precluded the suit. The complaints were filed in 1978 and 1979 although the injuries to the workers occurred several years prior to that time. The court summarized current Pennsylvania law in these words: "It is settled law in Pennsylvania that in the case of injury or disease for which the causes are not readily apparent, the statute of limitations does not begin to run against the prospective plaintiff until the time that the plaintiff knows or reasonably should know the cause of his injury. It is not enough for a plaintiff to know that he has been injured. Plaintiff must be able to recognize the physical cause of his injury. If common sense and reason dictate that the limitation period is not to run at least until the plaintiff knows he has been hurt, it should not run until he can reasonably determine what or who hurt him. Ordinarily the two events will occur simultaneously, but this need not always be so. There are cases where one knows of an injury but not its cause."⁵

The court applied current Pennsylvania law which states, in general, that unless the injury itself suggests the cause, the statute of limitations does not begin to run until the plaintiff discovers some additional information which leads him to believe it was related to the defendant's injury. As a result, a party may sue for an injury he has suffered for many years, if he has only recently learned of its cause. In addition,

The author is associated with the law firm of Pepper, Hamilton and Scheetz. He is a lawyer and a clinical psychologist.

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therefore, to the burden that the statute of limitations places on the plaintiff, it places an additional burden on the defendant who can be sued for many years after the occurrence of an injury, as the case clearly holds.

When the federal court applied the principles to the seven plaintiffs in the case, it ruled that the statute of limitations had run in four cases. The court noted that in three of the cases there had been a timely application for worker's compensation on the grounds of damage caused by asbestos. Therefore it reasoned that, if the plaintiffs knew of the relationship between asbestos and the injury at the time they applied for worker's compensation, they were constrained at the same time to file their suits in court.

The decision on the other cases should be of interest to physicians. The one in which the statute of limitations was held to restrain the filing of the complaint was made on the grounds that the physician's records clearly indicated that the survivor's husband died as a result of contact with asbestos fibers. Also on the physician's record was a statement that the physician had told this to the plaintiff. This, of course, was done several years before the filing of the suit. The suit was filed in 1978 and the plaintiff testified that the family of

the decedent had been told by the physician in 1973 of the cause of the injury.

In regard to the three cases in which the court held that the statute of limitations did not preclude the filing of a suit, there were different factual situations. The first of the three revealed that, although the physician's hospital records did contain information that there was a relationship between asbestos and the illness of the client, it was doubtful that this was *specifically* indicated to the plaintiff or to his family. Because of this doubt, the court held that the statute of limitations did not preclude filing. In the second case where the plaintiff was allowed to file, the records clearly revealed the relationship between the illness and asbestos, but they did not contain any reference to the fact that this was communicated to plaintiff or the family of the plaintiff. Both of these latter two cases depend upon records which existed three years prior to the filing of the suit. The third case was one in which the client was diagnosed as having cancer in 1966 but the causal relationship between the cancer and asbestos was not on the records. Therefore this suit was allowed even though it was filed 13 years after the diagnosis of the cancer.

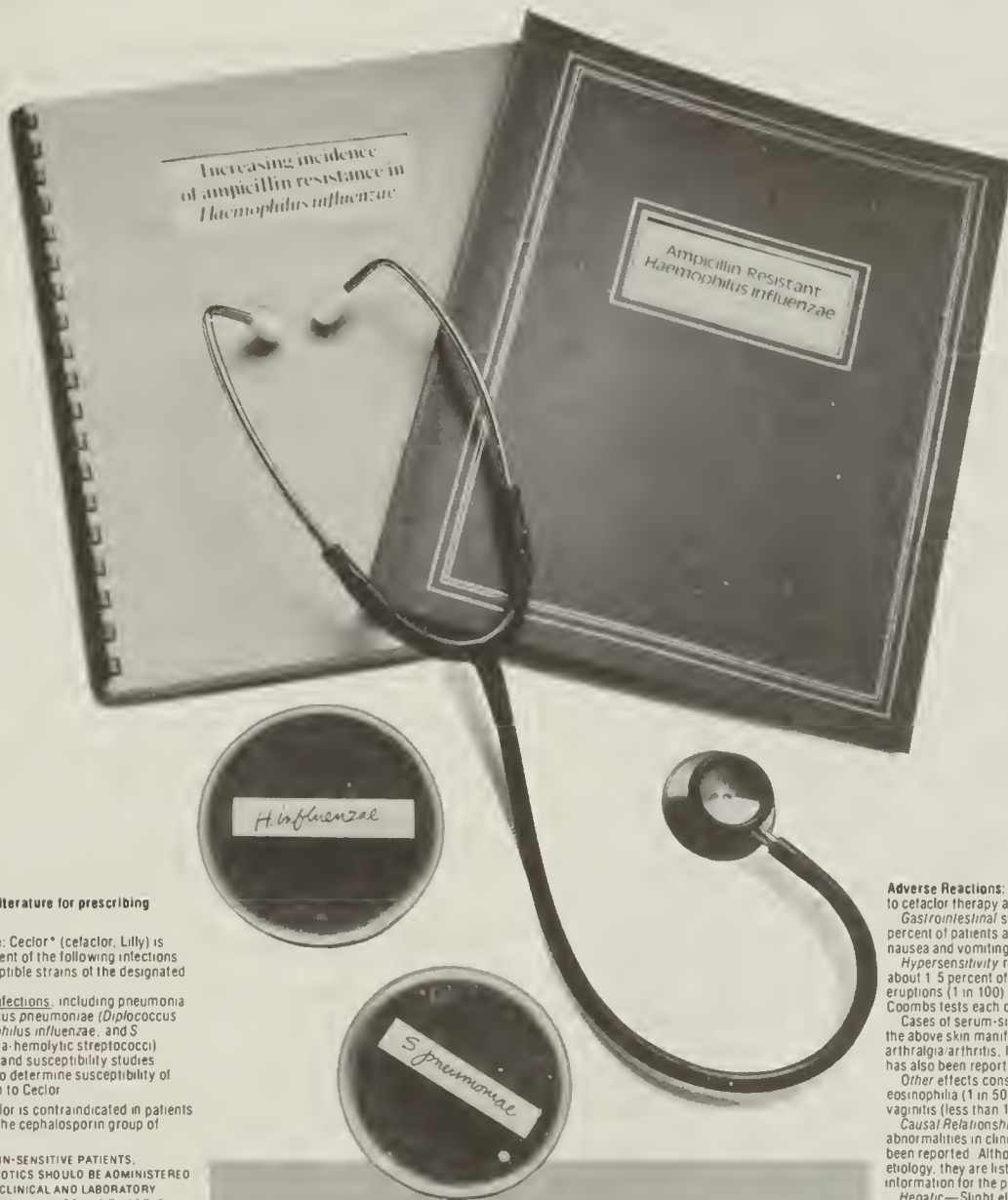
The instant case clearly indicates that the Statute of Limitations is a two-

way sword. On the one hand, a plaintiff is constrained by the law to file within two years or he forfeits his rights to do so. On the other hand, the filing will be considered filed in time many years after the injury when the causal relationship between the injury and the action to plaintiff is not known. A practical aspect of this case is that the court used physician's and hospital records and letters and statements of physicians and families to determine the factual element; that is, when the reckoning of the two year limitation began. From the latter, it should be clear that the physician's records are an important factor in the statute of limitations as they are in all malpractice cases.

Two of the plaintiffs, who were precluded from filing the complaints by virtue of the Statute of Limitations, appealed to the U.S. Court of Appeals but the decision was affirmed by the District Court in *DaMato vs. Turner and Newall, et. al.*, 651 F. 2nd 908 (3rd circuit 1981). □

1. 42 Pa. C.S.A. §5524 (2)
2. *Anthony vs. Koppers Co., Inc.*, 425 A. 2nd 428, 441 (1980)
3. *Ragan vs. Steen*, 229 Pa. Super. 515, 520 (1974) See "What is a Medical Expert in Pa. Law?" *Pennsylvania Medicine*, March, 1975, p. 11
4. *Grabowski vs. Turner and Newall, et. al.*, 516 F. Supp. 114 (E.D. Pa. 1980).
5. *IBID*, 118.

An added complication... in the treatment of bacterial bronchitis*



Brief Summary. Consult the package literature for prescribing information.

Indications and Usage: Cefclor* (cefclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Lower respiratory infections, including pneumonia caused by *Streptococcus pneumoniae* (*Diplococcus pneumoniae*), *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci). Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

Contraindication: Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: IN PENICILLIN-SENSITIVE PATIENTS, CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS, AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

Precautions: If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g. pressor amines, antihistamines, or corticosteroids.

Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

As a result of administration of Cefclor, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions, and also with Clinifast* tablets but not with Tes-Tape* (Glucose Enzymatic Test Strip, USP, Lilly).

Usage in Pregnancy: Although no teratogenic or antifertility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in ferrets given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

Usage in Infancy: Safety of this product for use in infants less than one month of age has not been established.

Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis*—are sensitive to treatment with Cefclor.¹⁻⁶

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.⁷

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Cases of serum-sickness-like reactions, including the above skin manifestations, fever, and arthralgia/arthritis, have been reported. Anaphylaxis has also been reported.

Other effects considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

Causal Relationship Uncertain—Transitory abnormalities in clinical laboratory test results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

Hepatic: Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

Hematopoietic: Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

Renal: Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200). [1010808]

* Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

Note: Cefclor* (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

References

1. Antimicrob. Agents Chemother., 8: 91, 1975.
2. Antimicrob. Agents Chemother., 11: 470, 1977.
3. Antimicrob. Agents Chemother., 13: 584, 1978.
4. Antimicrob. Agents Chemother., 12: 490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), II, 880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother., 13: 861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G. L. Mandell, R. G. Douglas, Jr., and J. E. Bennett), p. 487. New York: John Wiley & Sons, 1979.

Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285. Eli Lilly Industries, Inc., Carolina, Puerto Rico 00630.

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gible. Call (215) 438-0390 or send CV to Emergency Medical Specialty Services, Inc., Suite L-6, 5555 Wissahickon Ave., Philadelphia, PA 19144.

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Pennsylvania, Chester — emergency department physician for private physician group staffing EDs in Philadelphia and Delaware County. Must be PA licensed. 40 hr. week, competitive salary, paid malpractice, liberal fringe benefits, profit sharing. Send curriculum vitae to Emergency Medical Associates, Ltd., 15th & Upland Ave. Chester, PA 19013 or call (215) 874-8177.

Emergency physicians — Philadelphia and suburban Philadelphia hospitals. Fee for service with minimum guarantee, 42 hr. per week. Experience preferred but will consider all applicants. Contactaddy Trout (215) 438-0390 for further details or send CV to EMSS, 55 Wissahickon Ave., Suite L6, Philadelphia, PA 19144.

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physicians in the news

Gurcharan Singh, MD, recently was re-elected president of the Philadelphia Society of Physical Medicine and Rehabilitation. He is chief of physical medicine and rehabilitation at Frankford Hospital.

Herman J. Williams, MD, Reading, has been recognized by the American Academy of Family Physicians for a quarter century of membership and service in the AAFP—the nation's largest medical specialty organization.

James Minter, MD, Ridgway, a specialist in internal medicine and cardiology, was honored as Pennsylvania's Physician of the Year. The award is given to the physician in the state who makes the most outstanding contribution to the welfare and employment of handicapped workers. Governor Dick Thornburgh presented the award at a dinner sponsored by the Governor's Committee on Employment of the Handicapped.

Jesse A. Weigel, MD, director of Emergency Medical Services at Harrisburg Hospital, has been reappointed medical director of the Division of Emergency Health Services, State Department of Health.

Dorothea D. Glass, MD, medical director of Moss Rehabilitation Hospital, Philadelphia, has been presented the

humanitarian award of the Pennsylvania Easter Seal Society. The award is given to a person "whose life's work has been dedicated to the rehabilitation and enrichment of people with disabilities."

Barbara Schindler, MD, East Falls, has been elected to membership on the Board of Corporators of the Medical College of Pennsylvania. Dr. Schindler is associate professor of psychiatry at MCP and president elect of the Alumni Association.

S. William Snover, MD, has been named director of emergency medicine in the Division of Surgical Services at Geisinger Medical Center. Dr. Snover joined the Geisinger staff in 1975 and became assistant director of Emergency Medicine last year.

The Pennsylvania Neurosurgical Society recently announced the following new officers for 1982: **William A. Black, Jr., MD**, (Scranton), president; **Robert M. Jaeger, MD**, (Allentown), president-elect; and **Francis K. Mainzer, MD**, (Erie), secretary-treasurer.

John F. Ditunno, Jr., MD, chairman of the Department of Rehabilitation Medicine at Thomas Jefferson University Hospital and professor of rehabilitation medicine at Jefferson Medical College, is the new president of the American Academy of Physical Medicine and Re-

habilitation. A native of Philadelphia, Dr. Dittuno earned his medical degree from Hahnemann Medical College in 1958 and was certified as a specialist in physical medicine and rehabilitation in 1968.

Baruch S. Blumberg, MD, PhD, has been elected to the National Academy of Sciences' Institute of Medicine in Washington, DC. Dr. Blumberg is the associate director for clinical research at the Fox Chase Cancer Center's Institute for Cancer Research.

William B. Zeiler, MD, of Pittsburgh recently was elected to the Board of Governors of the College of American Pathologists, Chicago. Dr. Zeiler is a graduate of the University of Pittsburgh School of Medicine.

The State Board of Medical Education and Licensure, at its October meeting, has departed from its traditional selection of a nonphysician as secretary of the Board by electing **John H. Moye, III, MD, DSc** as its secretary.

Theodore A. Garcia, MD, King of Prussia, recently was elected regional vice president of the Pennsylvania State Coroners Association. Dr. Garcia maintains a private practice in ophthalmology, and in 1979 was elected coroner of Montgomery County.

Joseph J. Mowad, MD, has been appointed assistant medical director of Geisinger Medical Center. A native of Scranton, Dr. Mowad came to Geisinger in 1968 and was appointed director of the urology department in February 1980. He will retain this position.

Donald R. Cooper, MD, of Gladwyn, professor of surgery of the Medical College of Pennsylvania, has been appointed MCP vice president and associate dean for clinical affairs.

At the annual meeting of the Pennsylvania Academy of Dermatology held in Hershey during September 1981, the following new officers were elected: **Herbert Goldschmidt, MD**, president; **Howard M. Simons, MD**, vice president; **Maurice A. Thew, MD**, secretary; and **Matthew A. Olivo, MD**, treasurer.

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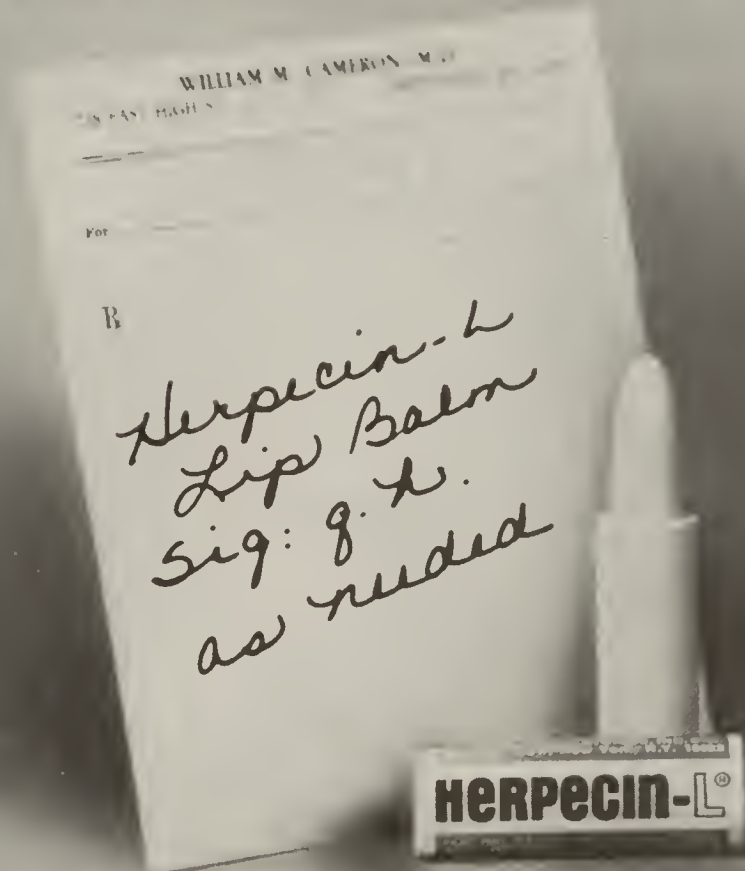
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— YOUR FIRST STEP TO FIRST QUALITY PROTECTION —

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DESCRIPTION: Methyltestosterone is 17 β -Hydroxy-Methylandrosterone-4-en-3-one. **ACTIONS:** Methyltestosterone is an oil soluble androgenic hormone. **INDICATIONS:** In the male: 1. Eunuchoidism and hypogonadism. 2. Male climacteric symptoms when these are secondary to androgen deficiency. 3. Impotence due to androgen deficiency. 4. Post-puberal cryptorchidism in the absence of evidence of hypogonadism. Cholestatic hepatitis with jaundice and altered liver function tests, such as increased BSP retention, and rises in SGOT levels, have been reported after Methyltestosterone. These changes appear to be related to dosage of the drug. Therefore, in the presence of any changes in liver function tests, drug should be discontinued. **PRECAUTIONS:** Prolonged use of androgen may result in sodium and fluid retention. This may present a problem, especially in patients with compromised cardiac reserve or renal disease. In treating males for symptoms of climacteric,

avoid stimulation to the point of increasing the nervous, mental, and physical activities beyond the patient's cardiovascular capacity. **CONTRAINDICATIONS:** Contraindicated in persons with known or suspected carcinoma of the prostate and in carcinoma of the male breast. Contraindicated in the presence of severe liver damage. **WARNINGS:** If priapism or other signs of excessive sexual stimulation develop, discontinue therapy. In the male, prolonged administration or excessive dosage may cause inhibition of testicular function, with resultant oligospermia and decrease in ejaculatory volume. Use cautiously in young boys to avoid premature epiphyseal closure or precocious sexual development. Hypersensitivity and gynecomastia may occur rarely. PBI may be decreased in patients taking androgens. Hypercalcemia may occur, particularly during therapy for metastatic breast carcinoma. If this occurs, the drug should be discontinued. **ADVERSE**

REACTIONS: Cholestatic jaundice • Oligospermia and decreased ejaculatory volume • Hypercalcemia particularly in patients with metastatic breast carcinoma. This usually indicates progression of bone metastases • Sodium and water retention • Priapism • Virilization in female patients • Hypersensitivity and gynecomastia. **DOSAGE AND ADMINISTRATION:** Dosage must be strictly individualized, as patients vary widely in requirements. Daily requirements are best administered in divided doses. The following is suggested as an average daily dosage guide. In the male: Eunuchoidism and hypogonadism, 10 to 40 mg.; Male climacteric symptoms and impotence due to androgen deficiency, 10 to 40 mg.; Postpuberal cryptorchidism, 30 mg. **REFERENCE:** R. B. Greenblatt, M.D.; R. Witherington, M.D.; I. B. Sipahioglu, M.D.: Hormones for Improved Sexuality in the Male and the Female Climacteric. *Drug Therapy*, Sept. 1976. **SUPPLIED:** 5, 10, 25 mg. in bottles of 60, 250. Rx only.

When impotence is due to androgenic deficiency.

Android[®] / 5^{Buccal} / 10^{Oral} / 25^{Oral}
mg. / mg. / mg.

Methyltestosterone U.S.P. Tablets

A well absorbed oral androgen.

Additional indications: Replacement therapy. When androgen deficiency is the cause of: male climacteric / eunuchoidism, eunuchism / post-puberal cryptorchidism.



Write for new double-blind study reprints and samples.

BROWN THE BROWN PHARMACEUTICAL CO., INC.
2500 West Sixth Street, Los Angeles, California 90057



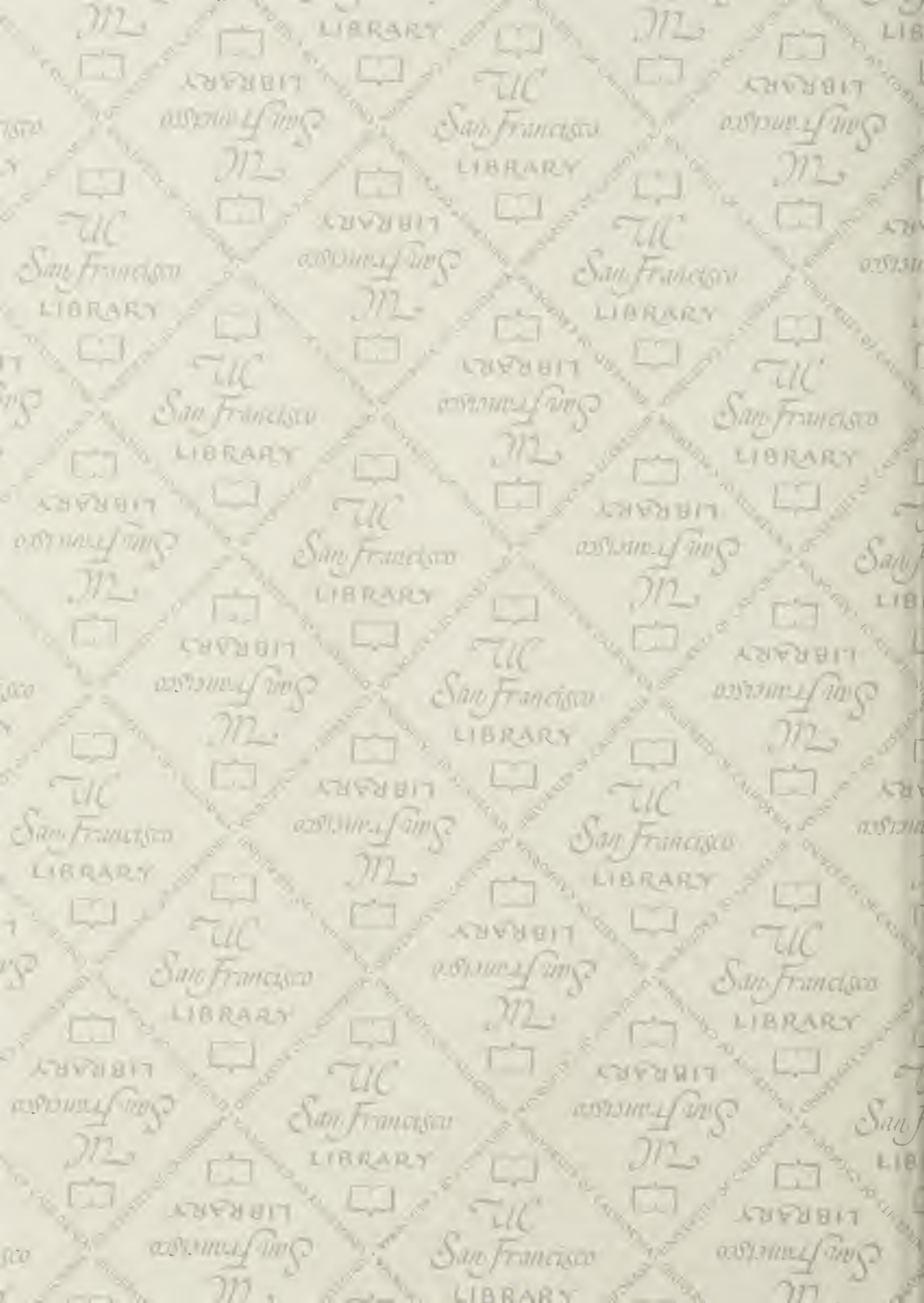
Patient information on smoking

These materials are available as a community service. Order by the title and item number. Should an item in this list not be available substitution usually is possible because new materials constantly are added.

Item #	Title
	Anti-Smoking Buttons - 3 colors, 1½" diameter
6024	"Yes, I Mind If You Smoke"
6026	"Your Smoking Hurts My Lungs"
6009	"Thanks For Not Smoking"
0133	"I Quit Smoking . . . Just for the Health of It"
0124	No-Smoking Stop Sign
6220	*As We See It Color, 26½ minutes, 16mm, 1975. Youngsters producing TV documentary on evils of smoking. Made for pre-teenagers, but this film is effective for all.
0061	As You Live . . . You Breathe Lively, illustrated booklet describes breathing process, his strong anti-smoking message. For 5th-8th graders. 16 pages.
6231	*Breathing Easy Color, 27½ minutes, 16mm, 1972. On trip into brain (a computer center) youngster finds out how human respiratory system works. For 5th-8th graders. Booklet "As You Live, You Breathe" can accompany it.
	Be a Friend . . . Please Don't Smoke Here
5081	Adhesive on front
5082	Adhesive on back Two-color sign, 5¾" by 3¼", small but effective for mounting on windows, doors, or walls.
	Be Kind to Nonsmokers
0066	Leaflet, 4 pages
5005	Poster, 8½" x 11" Leaflet explains why smoke hurts nonsmokers, too. In both, child holds red balloon with title message.
0098	Car-Dashboard No-Smoking Sticker Carries message "Smoke stings my eyes and hurts my lungs—so this ashtray is closed, PLEASE DON'T SMOKE."
5030	Cigarette Smoke is Harmful! Poster 8½" x 11", 4 colors, shows normal and emphysematous lung sections. Powerful.
0171	Cigarette Smoking Facts Leaflet demonstrates how cigarette smoking is related to lung disease. 6 pages.
0056	Como No Querer a Sus Hijos Leaflet tells parent how harmful their smoking is to their children, even unborn ones still in the womb. 6 pages.
6245	*Everything You Always Wanted to Know About How to Stop Smokers But Were Afraid to Try Color, 8 minutes, 16mm, 1974. Unrehearsed interviews with nonsmokers, filled with humor and imagination.
0087	Facts and Features for Nonsmokers and Smokers Minimagazine articles have wide appeal, will help close the gap between nonsmokers and smokers. Attractive illustrations. 8 pages.
0072	Have Fun! Figure Out the Smoking Puzzle Crossword puzzle for 7th-8th graders makes stimulating points on effects of smoking. 1 page.
0055	How Not to Love Your Kids Leaflet impresses parents with how harmful their smoking is to their children. 6 pages.
5002	In Smokers' Houses . . . Poster, 11" x 14", 4 colors. Designed primarily for children in lower elementary grades, but proven popular even with adults.
0071	Let's Solve the Smokeword Puzzle! Fifth-graders will love getting an anti-smoking message through solving this crossword puzzle. 1 page.
0710	Me Quit Smoking? How? Booklet can really help cigarette smokers kick the habit. Amusing drawings. 24 pages.

0720	Me Quit Smoking? Why? Booklet is packed with strong arguments to turn smoker into nonsmokers. 16 pages.
0043	No Smoking Coloring Book Pre-school and primary-grade children will enjoy drawing and coloring while getting an anti-smoking message. pages.
0022	No Smoking-Kids' Magazine Reprint Booklet brings message to 3-8 year-olds through puzzle and stories. 8 pages.
0840	No Smoking-Lungs At Work Booklet on how lungs work and are affected by smoking told and illustrated in a way 5th and 6th graders will appreciate. 16 pages.
	No-Smoking Stop Sign
0121	Poster, 9½" x 9½"
0123	Sticker, 4" x 4"
0119	Sticker, 1" diameter
0122	Tent Card, 3" x 3" when folded
0124	Button, 1½" diameter
0136	Heat Transfer Decal
0125-	T-Shirts, by size
0131	All offer the same message on red stop sign-LUNGS A WORK: NO SMOKING
0074	Nonsmokers' Rights Display Flexible-use display has seven items-JOIN streamer, three posters, and three photos-and this display can be used with a variety of added material.
0088	Nonsmokers' Rights, What You Can Do Leaflet offers suggestions to help nonsmokers achieve smoke-free surroundings at work and elsewhere. 6 pages
6224	*Octopuff in Kumquat Color, 9 minutes, 16mm, 1975. Charming cartoon adventure story with anti-smoking message. Created to please and subtly educate 4-8 year-olds, but will delight any audience.
0009	"Octopuff in Kumquat" Teaching Code Booklet for use with film of same name. Gives suggestions for classroom activities. 8 pages.
0882	Pipe and Cigar Smoking Facts Leaflet tells how even pipe and cigar smoking can harm smoker and nonsmoker. 6 pages.
0885	Please Don't Smoke Poster, 11" x 15", joins attractive youngster with appeal not to smoke. Effective yet unoffensive message.
6290	*Point of View Black/White, 19 minutes, 16mm, 1965. Offbeat comment on cigarette smoking. For teenagers, others. Discussion guide available.
0930	Q & A of Smoking and Health Leaflet gives fact-crammed answers to questions on smoking and health. 6 pages.
0949	Remember When? Leaflet uses nostalgia to make points on harm of cigarette smoking. 8 pages.
0006	Second-Hand Smoke Facts Leaflet documents effects of tobacco smoke on nonsmokers. 8 pages.
0309	Smoking—A Habit That Should Be Broken Pamphlet provides overview of smoking: how and why to quit. For educators, students, and libraries. 32 pages.*
0963	Smoking and the Two of You Leaflet filled with facts about the harmful effects of smoking on a pregnant woman's unborn baby. Impressive. 6 pages.
0982	Smoking Can Affect the Two of You Poster, 8½" x 11", features startling but touching drawing of unborn child that is still in the mother's womb.
0132	Thanks For Not Smoking Card, 5" x 7", perfect for doctors' offices and the like. Stark red and white print on black.

American Lung Association, 1135 East Chocolate Avenue, Hershey, PA 17033. Telephone: (717) 533-6851. Check the phone directory for your local affiliate.





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